HITACHI
SERVICE MANUAL

GF | No.0198E

CT4271
CT5071
CT5072

NTSC | VP6X Chassis

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CAUTION: Before servicing this chassis, it is important that the service technician read the "Safety Precaution" and "Product Safety Notices" in this Service Manual.

SAFETY NOTICE
USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by shading on schematics and by ⚠ on the parts list in this Service Data and its supplements and bulletings. Before servicing this chassis, it is important that the service technician read and follow the "Safety Precautions" and "Product Safety Notices" in this Service Manual.

* For continued x-radiation protection, replace picture tube with original type or Hitachi approved equivalent type.

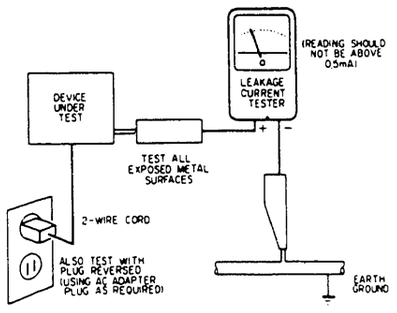
SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

PROJECTION COLOR TELEVISION

August 1987 **GIFU WORKS**

SAFETY PRECAUTIONS

1. **Before returning an instrument to the customer,** always make a safety check of the entire instrument, including, but not limited to the following items:
   a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assembly in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. **Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damage.**
   b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the picture tube and the cabinet mask, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.
   c. **Antenna Cold Check** – With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, if applicable, to the coaxial connector. If the measured resistance is less than 1.0 megohm or greater than 5.2 megohm, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.
   d. **Leakage Current Hot Check** – With the instrument completely reassembled, plug the AC line cord directly into a 120V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.0 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal waterpipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp. Reverse the instrument power cord plug in the outlet and repeat test.


(READING SHOULD NOT BE ABOVE 0.5mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING THE ANTENNA OR ACCESSORIES.

   e. **X-Radiation and High Voltage Limits** – Because the picture tube is the primary potential source of X-radiation in solid-state TV receivers, it is specially constructed to prohibit X-radiation emissions. For continued X-radiation protection, the replacement picture tube must be the same type as the original. Also, because the picture tube shields and mounting hardware perform an X-radiation protection function, they must be correctly in place.
   High voltage must be measured each time servicing is performed that involves B+, horizontal deflection or high voltage. Correct operation of the X-radiation protection circuits also must be reconfirmed each time they are serviced. (X-radiation protection circuits also may be called "horizontal disable" or "hold-down.") Read and apply the high voltage limits and, if the chassis is so equipped, the X-radiation protection circuit specifications given on instrument labels and in the Product Safety & X-radiation Warning note on the service data chassis schematic.
   High voltage is maintained within specified limits by close-tolerance safety-related components/adjustments in the high-voltage circuit. If high voltage exceeds specified limits, check each component specified on the chassis schematic and take corrective action.

2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet, on the receiver chassis, or on the picture tube.

3. **Design Alteration Warning** – Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions may void the manufacturer's warranty and may make you, the servicer responsible for personal injury or property damage resulting therefrom.

4. **Picture Tube Implosion Protection Warning** – The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type number. Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck.

5. **Hot Chassis Warning** – a. Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord and may be safely serviced without an isolation transformer only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC power source. To confirm that the AC power plug is inserted correctly, with an AC voltmeter measure between the chassis and a known earth ground. If a voltage reading in excess of 1.0V is obtained, remove and reinsert the AC power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground. **b.** Some TV receiver chassis normally have 85V AC (RMS) between chassis and earth ground regardless of the AC plug polarity. These chassis can be safely serviced only with an isolation transformer inserted in the power line between the receiver and the AC power source, for both personnel and test equipment protection. **c.** Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: a. near sharp edges, b. near thermally hot parts – be sure that leads and components do not touch thermally hot parts, c. the AC supply, d. high voltage, and e. antenna wiring. Always inspect in all areas for pinched, out-of-plate, or frayed wiring. Do not change spacing between components, and between components and the printed-circuit board. Check AC power cord for damage.

7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

8. **PRODUCT SAFETY NOTICE** – Many TV electrical and mechanical parts have special safety-related characteristics some of which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified Hitachi service data by shading on schematics and by a (⚠) in the parts list. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part in Hitachi service data parts list might create shock, fire, and/or other hazards. Product Safety is under review continuously and new instructions are issued whenever appropriate. For the latest information, always consult the appropriate current Hitachi service literature. A subscription to, or additional copies of Service literature may be obtained at a normal charge from Hitachi.

SERVICING PRECAUTIONS

CAUTION: Before servicing instruments covered by this service data and its supplements and addendums, read and follow the SAFETY PRECAUTIONS on page 2 of this publication. NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions on page 2 of this publication, always follow the safety precautions. Remember: Safety First.

General Servicing Precautions

1. Always unplug the instrument AC power cord from the AC power source before:
   a. Removing or reinstalling any component, circuit board, module, or any other instrument assembly.
   b. Disconnecting or reconnecting any instrument electrical plug or other electrical connection.
   c. Connecting a test substitute in parallel with an electrolytic capacitor in the instrument.
      Caution: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.
   d. Discharging the picture tube anode.
2. Test high voltage only by measuring it with an appropriate high voltage meter or other voltage measuring device (DVM, FETVOM, etc.) equipped with a suitable high voltage probe. Do not test high voltage by "drawing an arc".
   The H.V. Distribution Box has an internal 400MΩ resistor (bleeder resistor) connected from the high voltage to ground. After power is removed from the instrument the high voltage will discharge through the high voltage bleeder resistor. If the tubes have high voltage after power is removed then the bleeder resistor is defective or the bleeder ground is disconnected.
3. Discharge the picture tubes anode at any of the R, G or B outputs on the High Voltage distribution box only by (a) first connecting one end of an insulated clip lead to the degaussing or kine aquadag grounding system shield at the point where the picture tube socket ground lead is connected, and then (b) touch the other end of the insulated clip lead to the picture tube high voltage distribution box R, G or B output, using an insulating handle to avoid personal contact with high voltage.
4. Do not spray chemical on or near this instrument or any of its assemblies.
5. Unless specified otherwise in this service data, clean electrical contacts by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable nonabrasive applicator: 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90% – 99% strength).
   Caution: This is a flammable mixture.
   Unless specified otherwise in this service data, lubrication of contacts is not required.
6. Do not defeat any plug/socket B+ voltage interclocks with which instruments covered by this service data might be equipped.
7. Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heat sinks are correctly installed.
8. Always connect the test instrument ground lead to the appropriate instrument chassis ground before connecting the test instrument positive lead. Always remove the test instrument ground lead last.
9. Use with this instrument only the test fixtures specified in this service data.
   CAUTION: Do not connect the test fixture ground strap to any heatsink in this instrument.

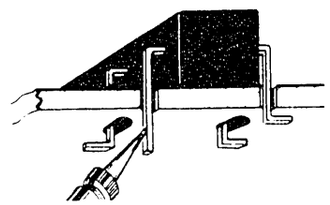
Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material.)
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

General Soldering Guidelines

1. Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range 500°F to 600°F.
2. Use an appropriate gauge of resin-core solder composed of 60 parts tin/40 parts lead.
3. Keep the soldering iron tip clean and well tinned.
4. Thoroughly clean the surfaces to be soldered. Use a small wire-bristle (0.5 inch, or 1.25 cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.
5. Use the following unsoldering technique.
   a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
   b. Heat the component lead until the solder melts.
   c. Quickly draw away the melted solder with an anti-static, suction-type solder removal device or with solder braid.
      CAUTION: Work quickly to avoid overheating the circuit board printed foil.
6. Use the following soldering technique:
   a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
   b. First, hold the soldering iron tip and solder strand against the component lead until the solder melts.
   c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.
      CAUTION: Work quickly to avoid overheating the circuit board printed foil or components.
   d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.



Use Soldering Iron To Pry Leads

IC Removal/Replacement

Some Hitachi unitized chassis circuit boards have slotted holes (oblong) through which the IC leads are inserted and then bent flat against the circuit foil. When holes are the slotted type, the following technique should be used to remove and replace the IC. When working with boards using the familiar round hole, use the standard technique as outlined in paragraphs 5 and 6 above.

Removal

1. Desolder and straighten each IC lead in one operation by gently prying up on the lead with the soldering iron tip as the solder melts.
2. Draw away the melted solder with an anti-static suction-type solder removal device (or with solder braid) before removing the IC.

Replacement

1. Carefully insert the replacement IC in the circuit board.
2. Carefully bend each IC lead against the circuit foil pad and solder it.
3. Clean the soldered areas with a small wire-bristle brush. (It is not necessary to reapply acrylic coating to the areas.)

"Small-Signal" Discrete Transistor Removal/Replacement

1. Remove the defective transistor by clipping its leads as close as possible to the component body.
2. Bend into a "U" shape the end of each of three leads remaining on the circuit board.
3. Bend into a "U" shape the replacement transistor leads.
4. Connect the replacement transistor leads to the corresponding leads extending from the circuit board and crimp the "U" with long nose pliers to insure metal to metal contact, then solder each connection.

Power Output Transistor Devices Removal/Replacement

1. Heat and remove all solder from around the transistor leads.
2. Remove the heatsink mounting screw (if so equipped).
3. Carefully remove the transistor from the circuit board.
4. Insert new transistor in circuit board.
5. Solder each transistor lead, and clip off excess lead.
6. Replace heatsink.

Diode Removal/Replacement

1. Remove defective diode by clipping its leads as close as possible to diode body.
2. Bend the two remaining leads perpendicularly to the circuit board.
3. Observing diode polarity, wrap each lead out of the new diode around the corresponding lead on the circuit board.
4. Securely crimp each connection and solder it.
5. Inspect (on the circuit board copper side) the solder joints of the two "original" leads. If they are not shiny, reheat them and, if necessary, apply additional solder.

Fuse and Conventional Resistor Removal/Replacement

1. Clip each fuse or resistor lead at top of circuit board hollow stake.
2. Securely crimp leads of replacement component around stake 1/8 inch from top.
3. Solder the connections.

   CAUTION: Maintain original spacing between the replaced component and adjacent components and the circuit board, to prevent excessive component temperatures.

Circuit Board Foil Repair

Excessive heat applied to the copper foil of any printed circuit board will weaken the adhesive that bonds the foil to the circuit board, causing the foil to separate from, or "lift-off", the board. The following guidelines and procedures should be followed whenever this condition is encountered.

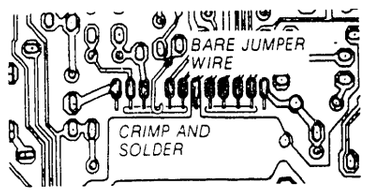
In Critical Copper Pattern Areas

High component/copper pattern density and/or special voltage/current characteristics make the spacing and integrity of copper pattern in some circuit board areas more critical than in others. The circuit foil in these areas is designated as Critical Copper Pattern and is identified and illustrated in this service data in the section titled Safety Related Copper Pattern (see table of contents for page number). Because Critical Copper Pattern requires special soldering techniques to ensure the maintenance of reliability and safety standards, contact your Hitachi personnel.

At IC Connections

To repair defective copper pattern at IC connections, use the following procedure to install a jumper wire on the copper pattern side of the circuit board. (Use this technique only on IC connections.)

1. Carefully remove the damaged copper pattern with a sharp knife. (Remove only as much copper as absolutely necessary.)
2. Carefully scratch away the solder resist and acrylic coating (if used) from the end of the remaining copper pattern.

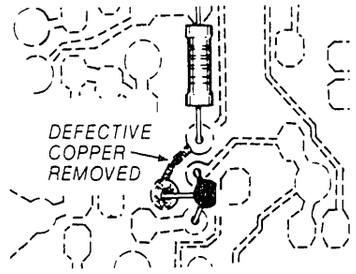


Install Jumper Wire and Solder

3. Bend a small "U" in one end of a small-gauge jumper wire and carefully crimp it around the IC pin. Solder the IC connection.
4. Route the jumper wire along the path of the cut-away copper pattern and let it overlap the previously scraped end of the good copper pattern. Solder the overlapped area, and clip off any excess jumper wire.

At Other Connections

Use the following technique to repair defective copper pattern at connections other than IC Pins. This technique involves the installation of a jumper wire on the component side of the circuit board.



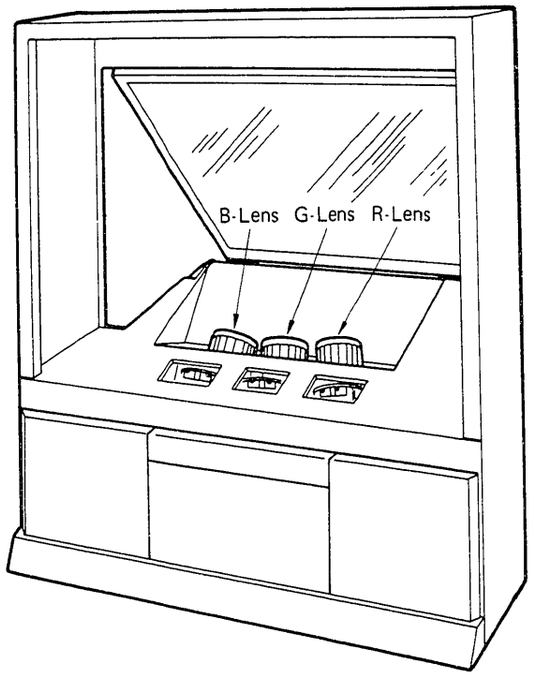
Insulated Jumper Wire

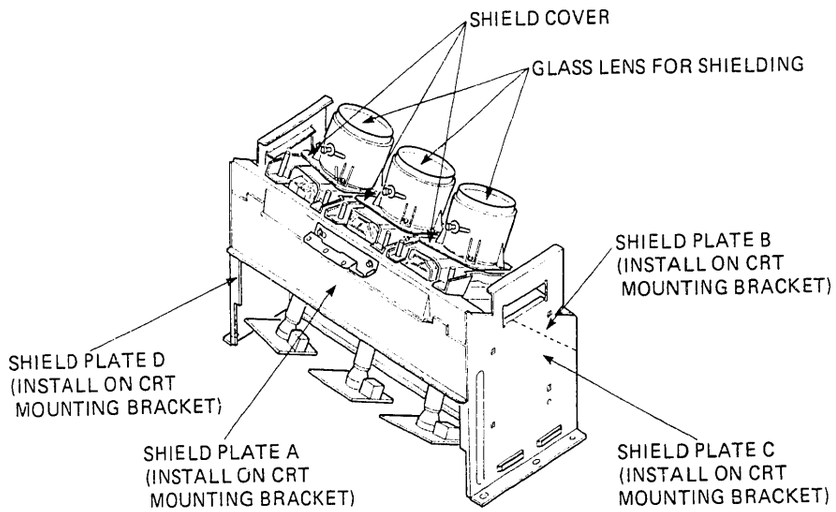
1. Remove the defective copper pattern with a sharp knife. Remove at least 1/4 inch of copper, to ensure that a hazardous condition will not exist if the jumper wire opens.
2. Trace along the copper pattern from both sides of the pattern break and locate the nearest component that is directly connected to the affected copper pattern.
3. Connect insulated 20-gauge jumper wire from the lead of the nearest component on one side of the pattern break to the lead of the nearest component on the other side. Carefully crimp and solder the connections.

   CAUTION: Be sure the insulated jumper wire is dressed so that it does not touch components or sharp edges.

Frequency Synthesis (FS) Tuning Systems

1. Always unplug the instrument AC power cord before disconnecting or reconnecting FS tuning system cables and before removing or reinserting FS tuning system modules.
2. The FS tuner must never be disconnected from the FS tuning control module while power is applied to the instrument.
3. When troubleshooting intermittent problems that might be caused by defective cable connection(s) to the FS tuning system, remove the instrument AC power as soon as the defective connector is found and finish confirming the bad connection with a continuity test. This procedure will reduce the probability of electrical overstress of the FS system semi-conductor components.




SHIELD COVER
GLASS LENS FOR SHIELDING
SHIELD PLATE B (INSTALL ON CRT MOUNTING BRACKET)
SHIELD PLATE D (INSTALL ON CRT MOUNTING BRACKET)
SHIELD PLATE A (INSTALL ON CRT MOUNTING BRACKET)
SHIELD PLATE C (INSTALL ON CRT MOUNTING BRACKET)

Instrument Rear View
Detailing X-Radiation Shields

SPECIFICATIONS

Model:	CT4271/CT5071/CT5072
Cathode-Ray tube:	3 Liquid coolant type tubes (Red, Green, Blue), 90° defrection 6 inch.
Power Input:	120 volts AC, 60 Hz
Power Consumption:	269 watts – Maximum 180 watts – Operating
Antenna Impedance:	75 ohm Unbalanced VHF/UHF/CATV
Receiving Channel:	CH VHF 2-13 UHF 14-69 EXT. Mid (A-5)-(A-1) CATV Mid A-I CATV Super J-W CATV Hyper (W+1)-(W+28) CATV Ultra (W+29)-(W+84)
Intermadiate Frequency:	Picture I-F Carrier 45.75 MHz Sound I-F Carrier 41.25 MHz Color Sub Carrier 42.17 MHz
Video Imput:	1 Voltp-p 75 ohm
Video Output:	1 Voltp-p 75 ohm
Audio Input:	0.4 Volt rms, 40 k ohm
Stereo Audio Output:	0.4 Volt rms, 1 k ohm
Audio Output Power:	10 watts rms per channel, 8 ohm impedance.
Anode Voltage:	30.0 kV (Zero Beam Current)
Brightness:	CT4271 330 ft.-L Nominal (Peak White) CT5071/CT5072 240 ft.-L Nominal (Peak White)
Speakers:	2 Woofers – 6 inch (16cm) Round 2 Tweeters – 2 inch (5 cm) Round
Dimension:	CT4271 Width . . . . . 97 cm Height . . . 109 cm Depth . . . . . 56 cm CT5071 Width . . . . 113 cm Height . . . 121 cm Depth . . . . . 65 cm CT5072 Width . . . . 119 cm Height . . . 122 cm Depth . . . . . 71 cm
Circuit Board Assemblies:	Deflection P.C.B. Signal P.C.B. Convergence Adj. P.C.B. Convergence Output P.C.B. In/Out Terminal P.C.B. CPT P.C.B. Power Sub P.C.B. Control (A) P.C.B. Control (B) P.C.B. Control (C) P.C.B. Sound Output P.C.B. H. Sub P.C.B. Fuse P.C.B. Convergence Sub P.C.B.

CIRCUIT PROTECTION

Fuse (or Device)	Circuit Protected	Physical Location
F401 3.15A-125V (AC)	Sound Output Circuit	Sound Output Circuit Board
F402 2.0A-125V (AC)	Sound Output Power Trans.	Fuse Circuit Board
F903 1.5A-125V (DC)	Deflection Circuit	Power Sub Circuit Board
F904 1.5A-125V (DC)	High Voltage Circuit	Power Sub Circuit Board
F991 5.0A-125V (AC)	Main Fuse	Signal Circuit Board
F701 1.6A-125V (DC)	F.B.T.	Deflection Circuit Board
F1381 1.6A-125V (DC)	+28V DC Regulator	Convergence Output Circuit Board
F1382 1.6A-125V (DC)	–28V DC Regulator	Convergence Output Circuit Board

GENERAL INFORMATION

CT4271/CT5071

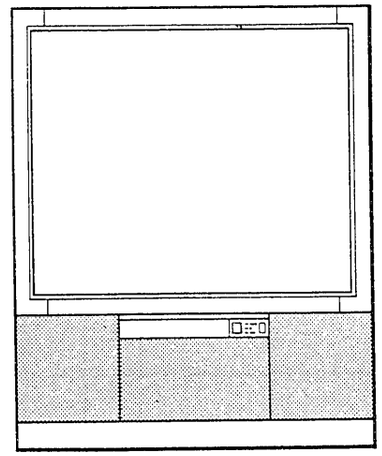


Fig. 1

CT5072

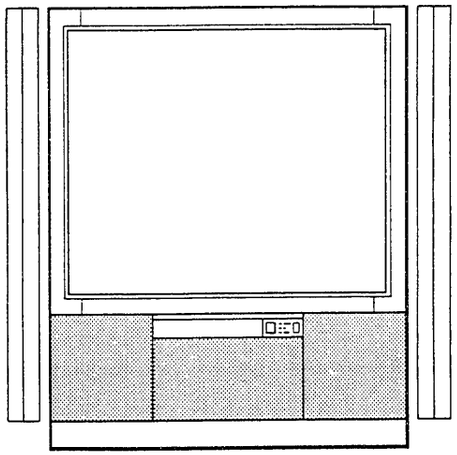


Fig. 2

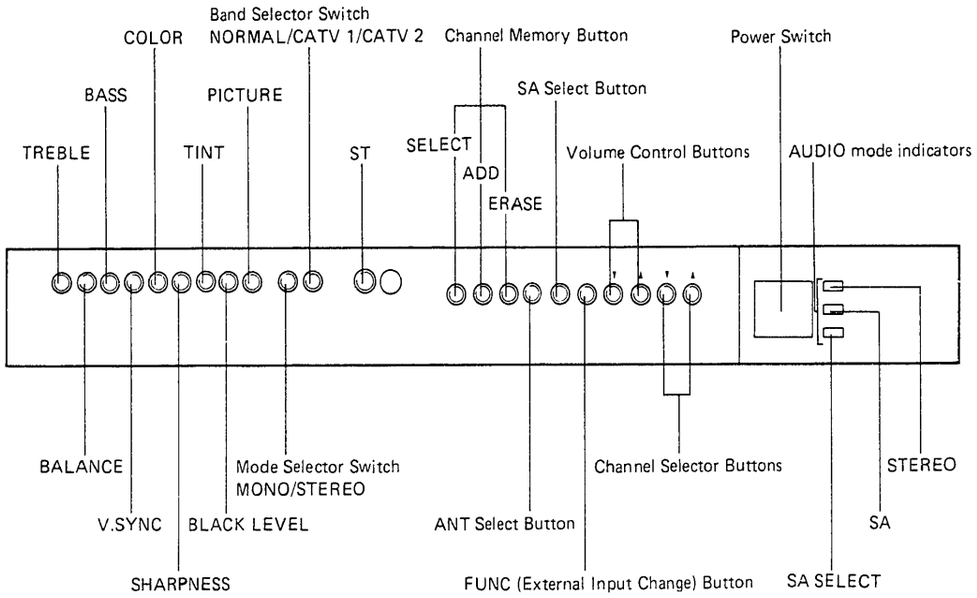


Fig. 3 Control Panel

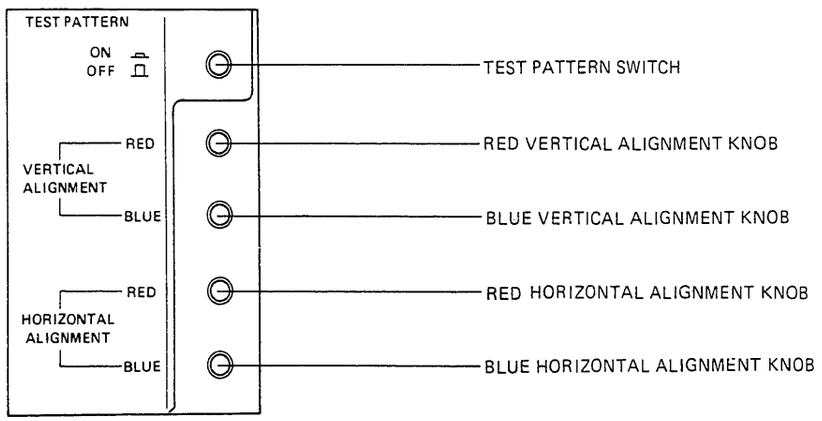


Fig. 4 Center Convergence

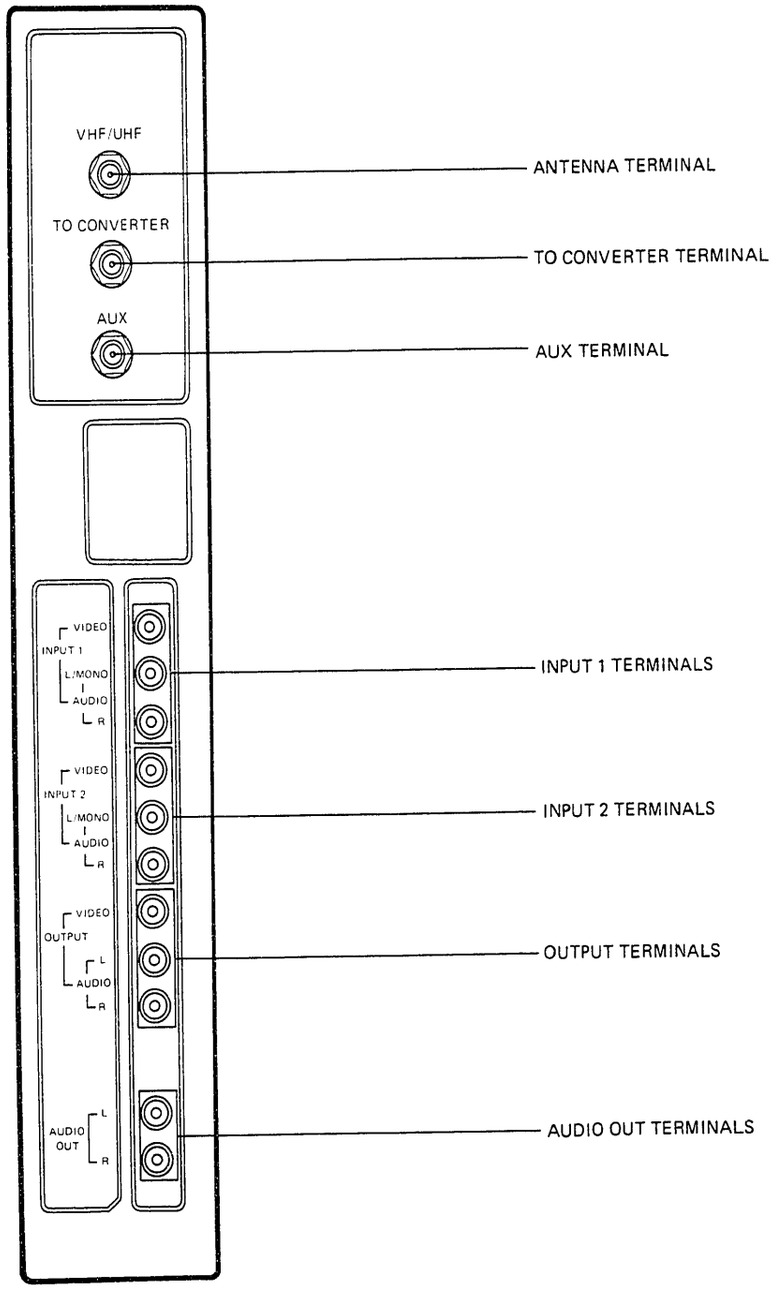
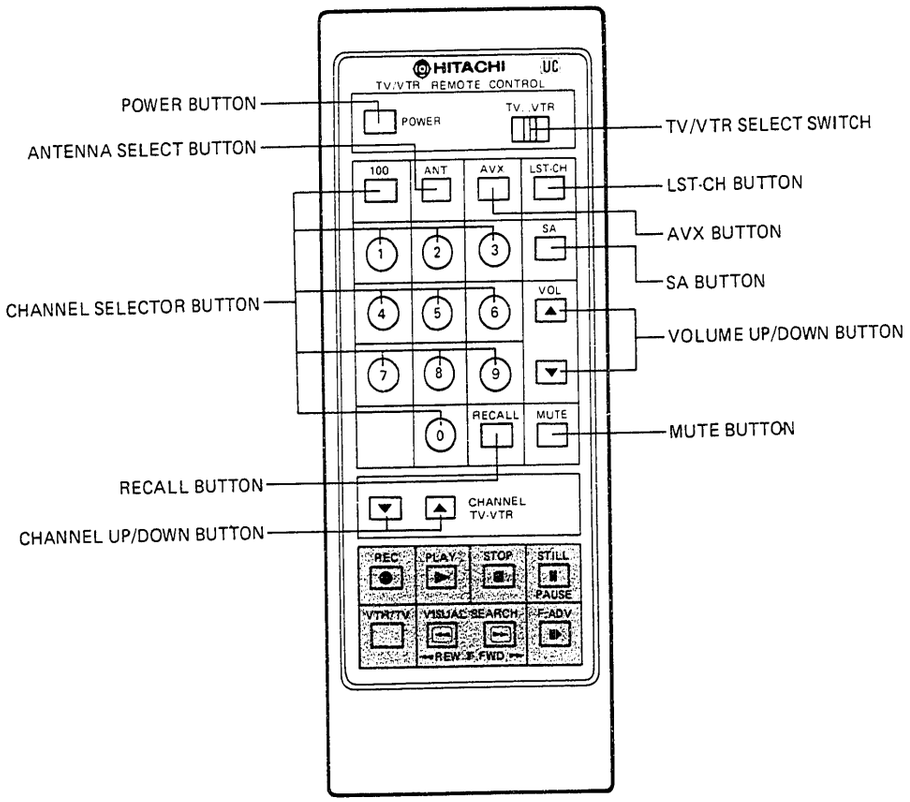


Fig. 5 Monitor Connection Panel

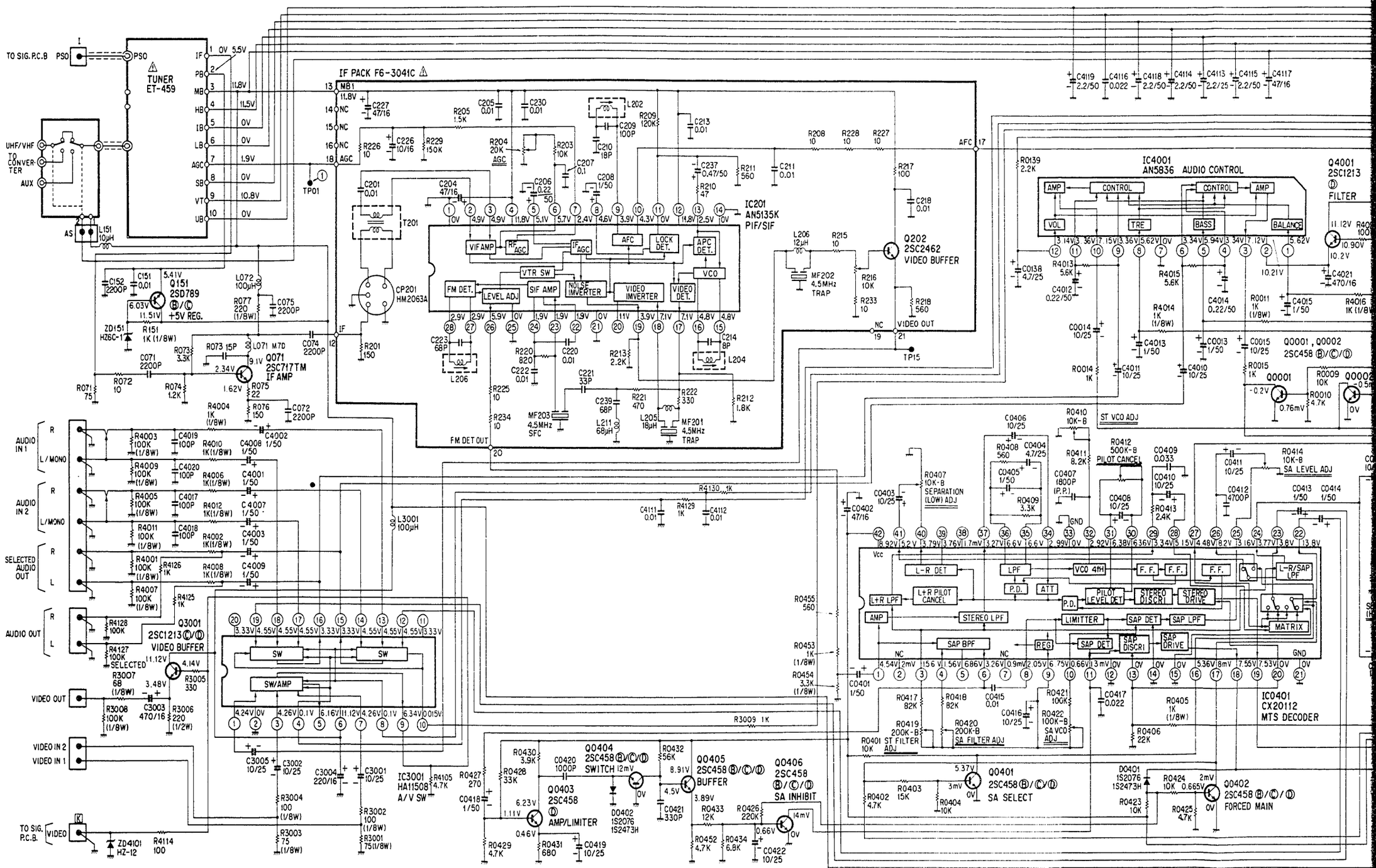


: TV/VTR COMMON BUTTON

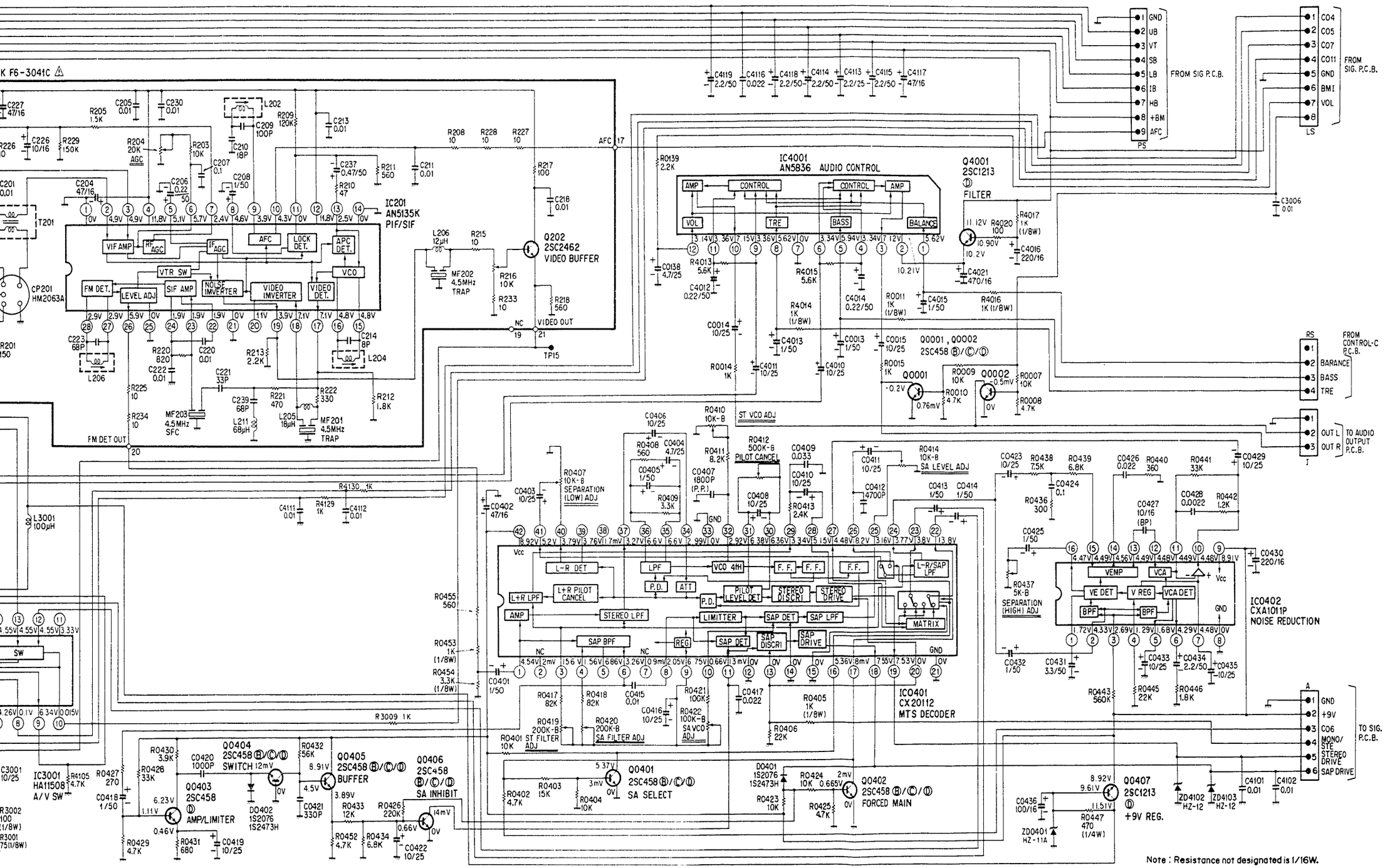
: VTR EXCLUSIVE BUTTON

Fig. 6 Remote Transmitter

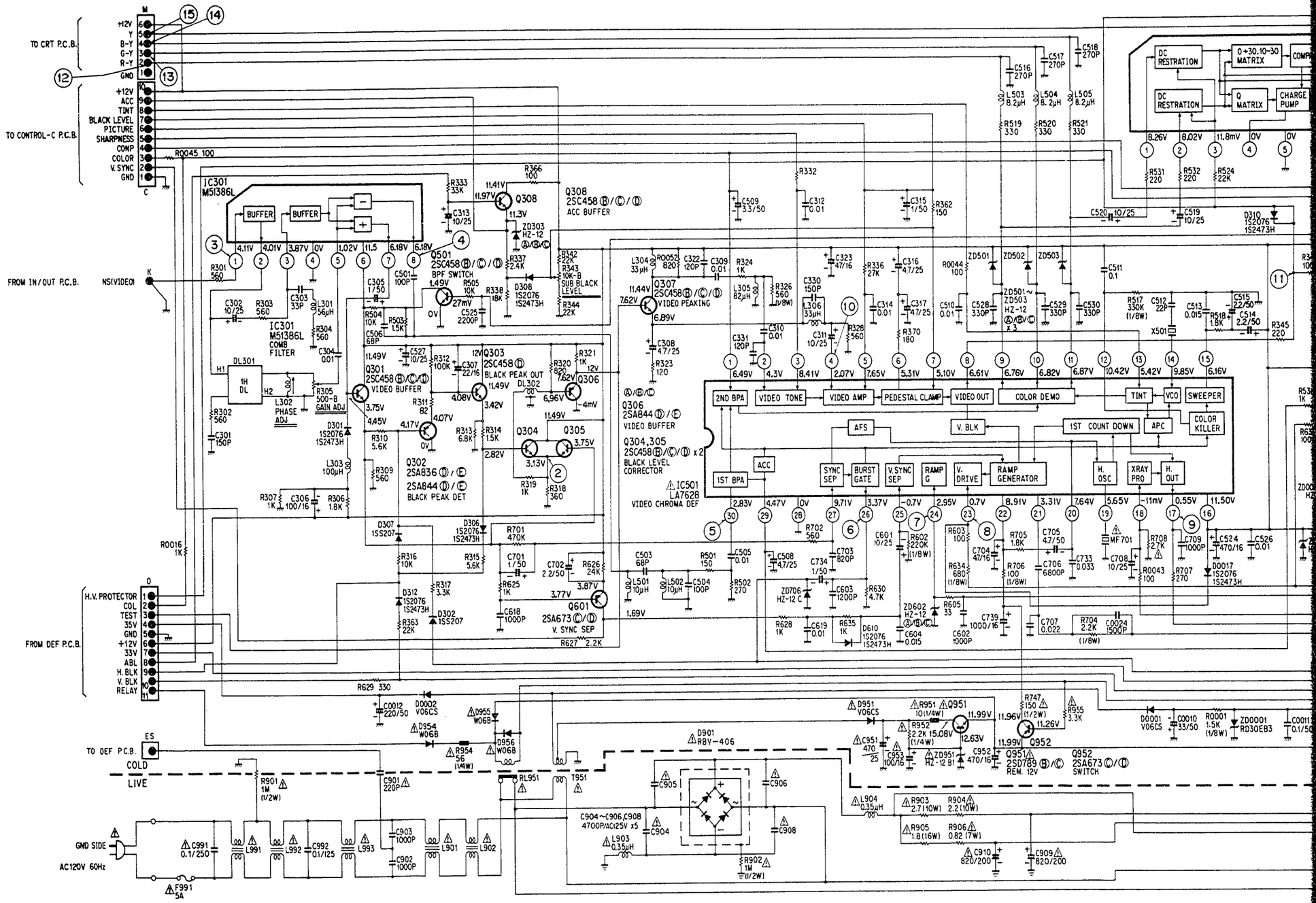
INPUT/OUTPUT CIRCUIT DIAGRAM



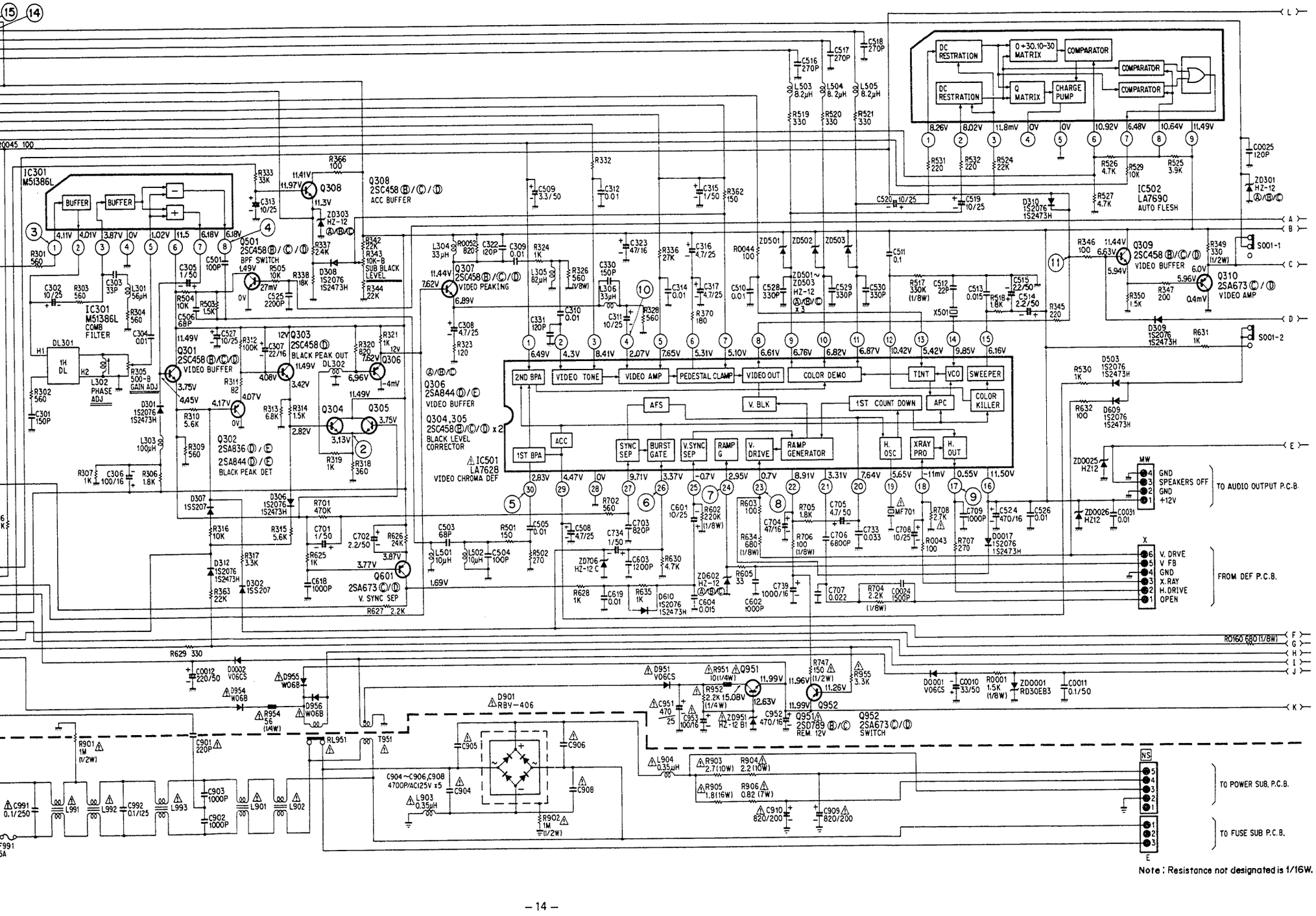
CIRCUIT DIAGRAM



SIGNAL CIRCUIT DIAGRAM (1/2)

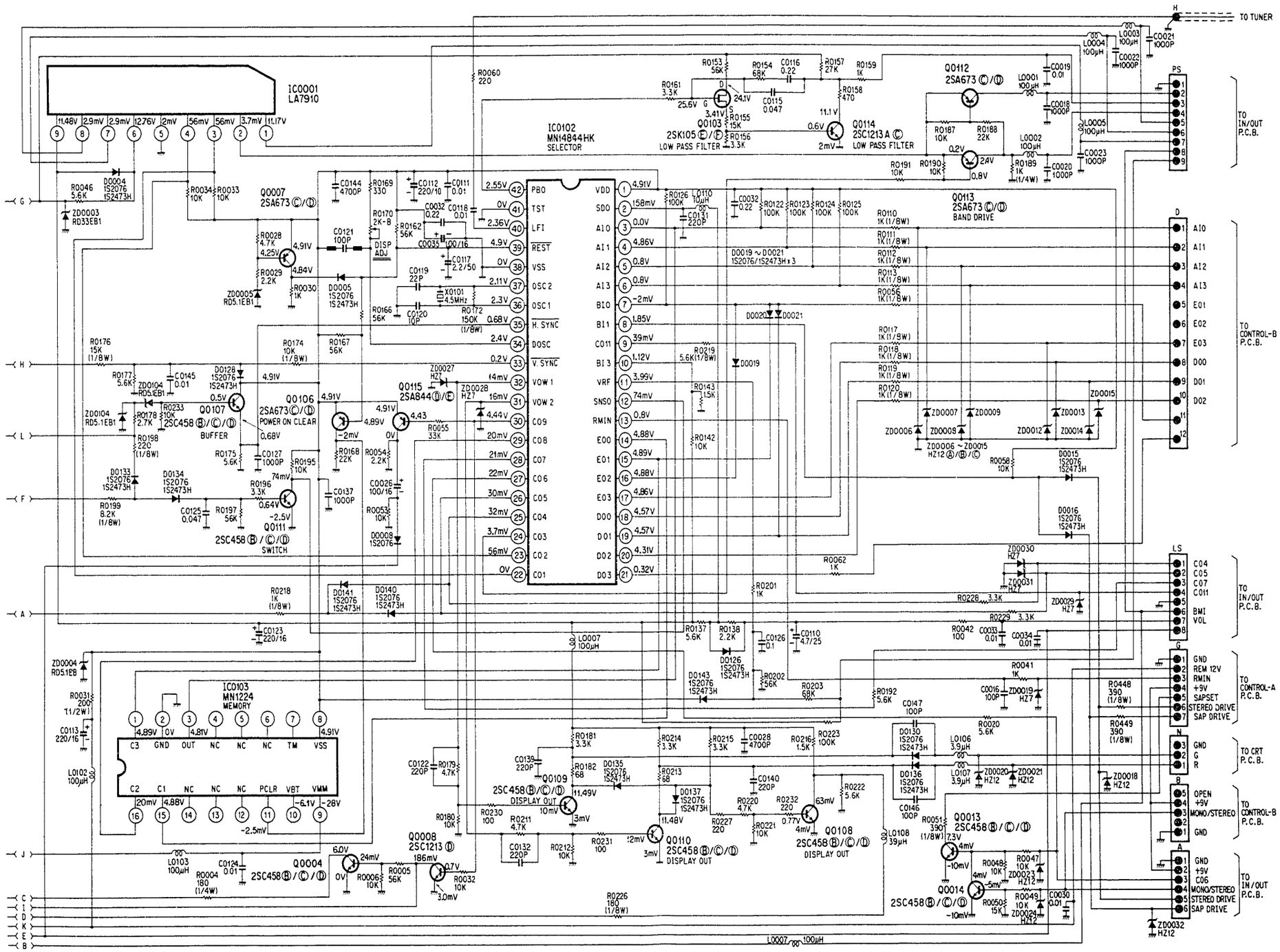


AM (1/2)

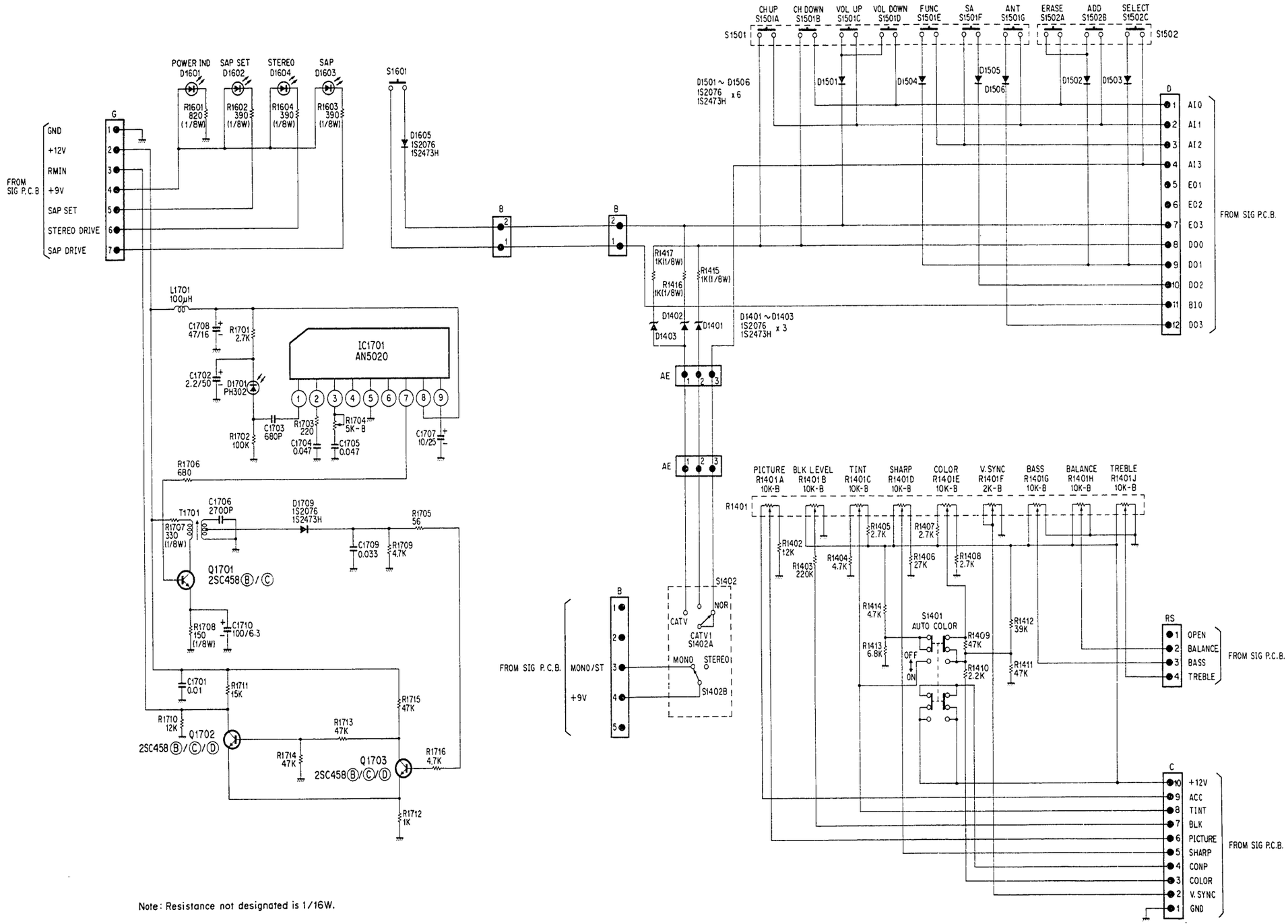


Note : Resistance not designated is 1/16W.

SIGNAL CIRCUIT DIAGRAM (2/2)

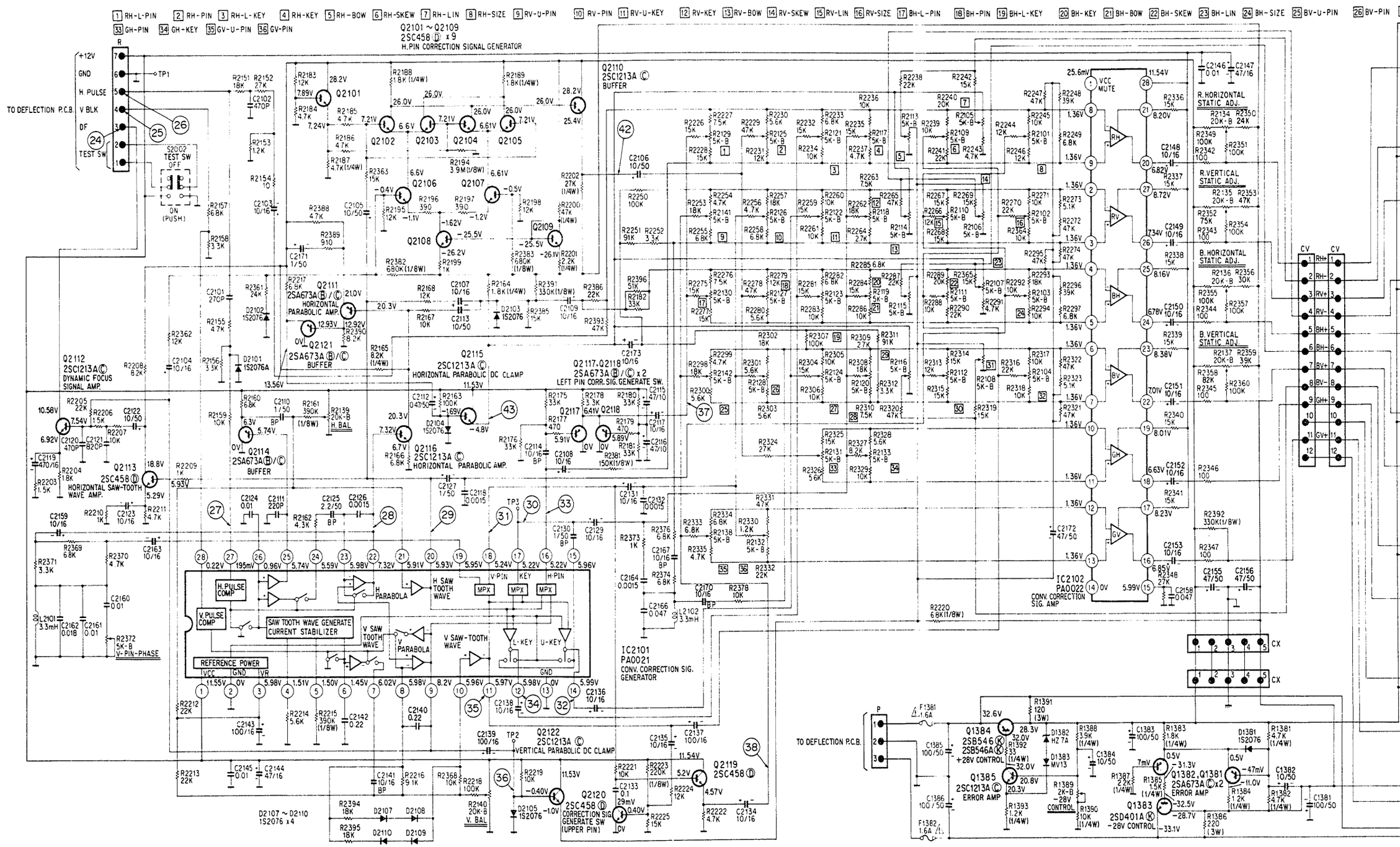


CONTROL A, B AND C CIRCUIT DIAGRAM

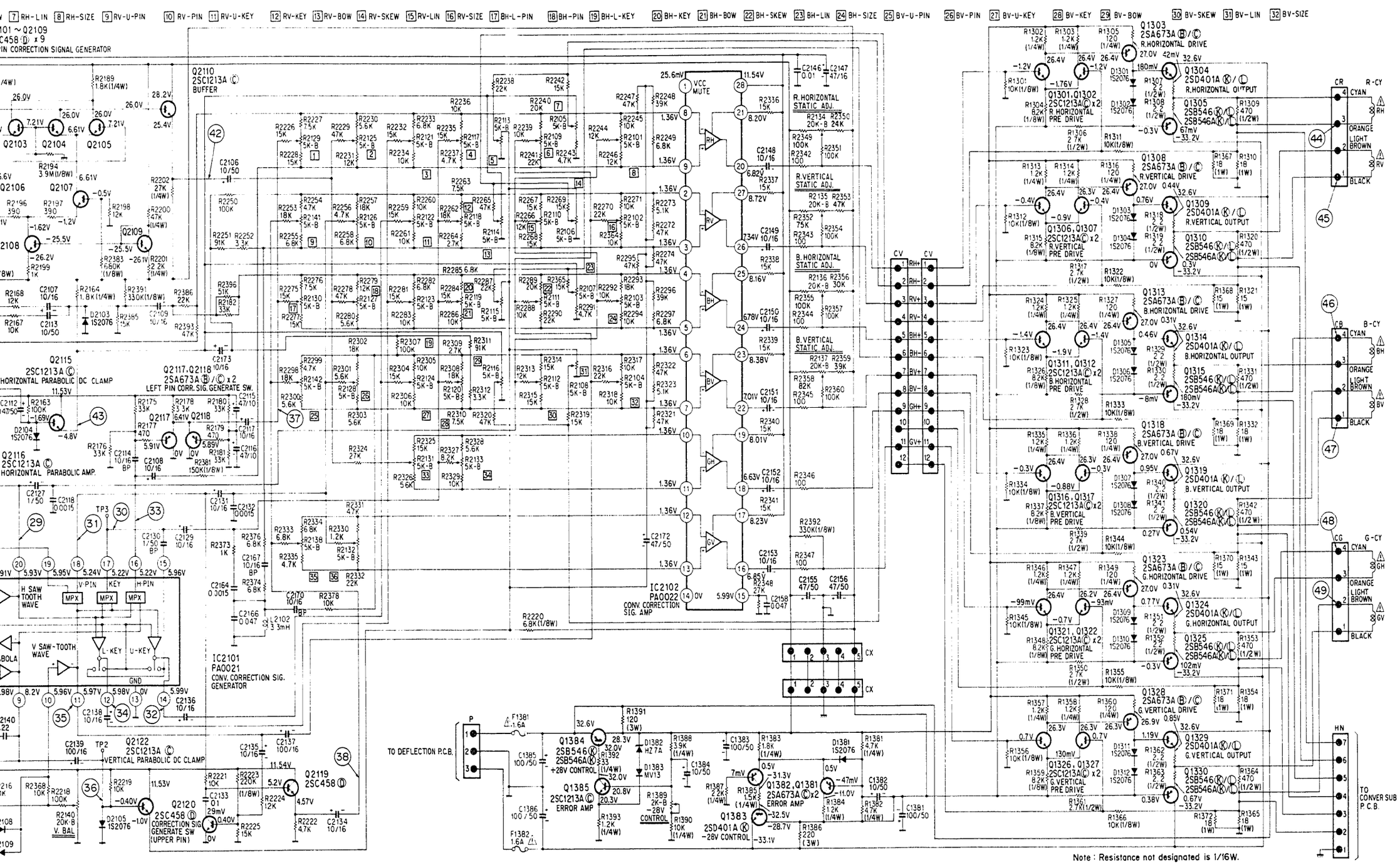


Note: Resistance not designated is 1/16W.

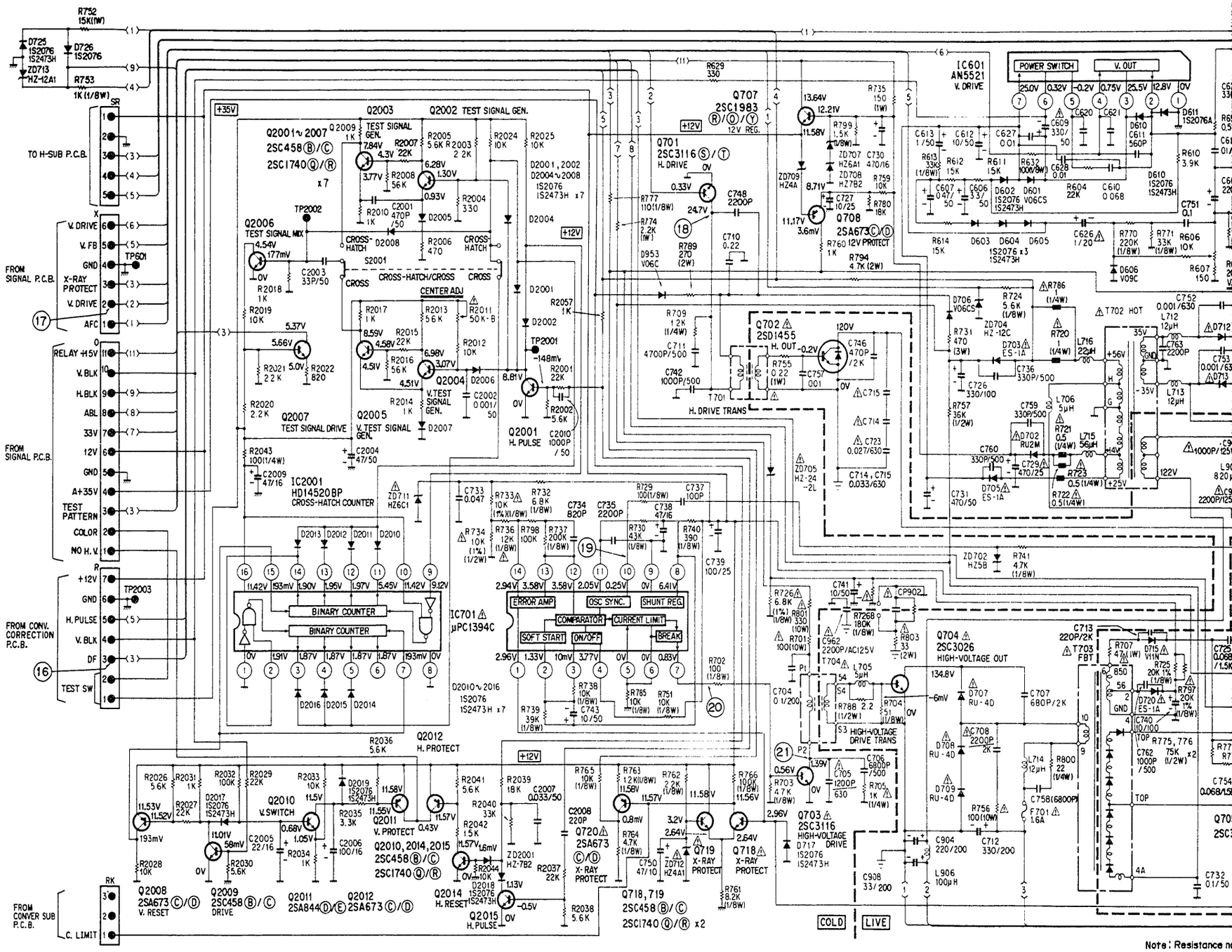
CONVERGENCE CORRECTION AND CONVERGENCE OUT CIRCUIT DIAGRAM



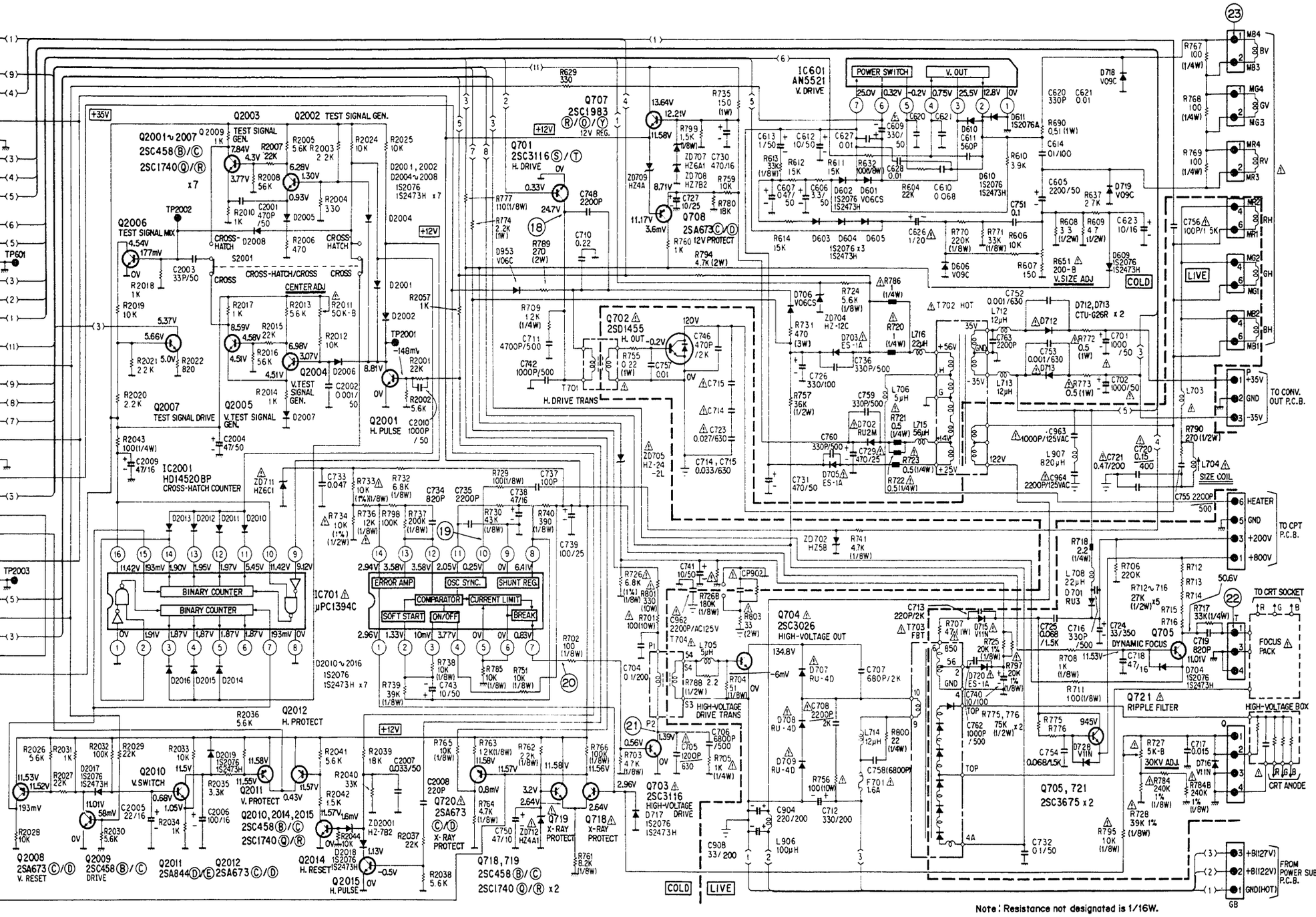
DIAGRAM


7 RH-LIN 8 RH-SIZE 9 RV-U-PIN 10 RV-PIN 11 RV-U-KEY 12 RV-KEY 13 RV-BOW 14 RV-SKEW 15 RV-LIN 16 RV-SIZE 17 BH-L-PIN 18 BH-PIN 19 BH-L-KEY 20 BH-KEY 21 BH-BOW 22 BH-SKEW 23 BH-LIN 24 BH-SIZE 25 BV-U-PIN 26 BV-PIN 27 BV-U-KEY 28 BV-KEY 29 BV-BOW 30 BV-SKEW 31 BV-LIN 32 BV-SIZE
Q2101 ~ Q2109
C458 (D) x 9
PIN CORRECTION SIGNAL GENERATOR
Q2110 2SC1213A (C) BUFFER
Q2115 2SC1213A (C) HORIZONTAL PARABOLIC DC CLAMP
Q2117, Q2118 2SA673A (B)/(C) x2 LEFT PIN CORR. SIG. GENERATE SW.
Q2116 2SC1213A (C) HORIZONTAL PARABOLIC AMP.
Q2122 2SC1213A (C) VERTICAL PARABOLIC DC CLAMP
Q2120 2SC458 (D) CORRECTION SIG GENERATE SW (UPPER PIN)
Q2119 2SC458 (D)
IC2101 PA0021 CONV. CORRECTION SIG. GENERATOR
IC2102 PA0022 CONV. CORRECTION SIG. AMP
H SAW TOOTH WAVE
V SAW-TOOTH WAVE
V-PIN KEY H-PIN
MPX
L-KEY U-KEY
GND
VCC MUTE
RH
RV
BH
BV
GH
GV
R. HORIZONTAL STATIC ADJ.
R. VERTICAL STATIC ADJ.
B. HORIZONTAL STATIC ADJ.
B. VERTICAL STATIC ADJ.
+28V CONTROL
-28V CONTROL
ERROR AMP
Q1303 2SA673A (B)/(C) R.HORIZONTAL DRIVE
Q1304 2SD401A (K)/(L) R.HORIZONTAL OUTPUT
Q1301, Q1302 2SC1213A (C) x2 R HORIZONTAL PRE DRIVE
Q1305 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1308 2SA673A (B)/(C) R.VERTICAL DRIVE
Q1309 2SD401A (K)/(L) R.VERTICAL OUTPUT
Q1306, Q1307 2SC1213A (C) x2 R.VERTICAL PRE DRIVE
Q1310 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1313 2SA673A (B)/(C) B.HORIZONTAL DRIVE
Q1314 2SD401A (K)/(L) B.HORIZONTAL OUTPUT
Q1311, Q1312 2SC1213A (C) x2 B.HORIZONTAL PRE DRIVE
Q1315 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1318 2SA673A (B)/(C) B.VERTICAL DRIVE
Q1319 2SD401A (K)/(L) B.VERTICAL OUTPUT
Q1316, Q1317 2SC1213A (C) x2 B.VERTICAL PRE DRIVE
Q1320 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1323 2SA673A (B)/(C) G.HORIZONTAL DRIVE
Q1324 2SD401A (K)/(L) G.HORIZONTAL OUTPUT
Q1321, Q1322 2SC1213A (C) x2 G.HORIZONTAL PRE DRIVE
Q1325 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1328 2SA673A (B)/(C) G.VERTICAL DRIVE
Q1329 2SD401A (K)/(L) G.VERTICAL OUTPUT
Q1326, Q1327 2SC1213A (C) x2 G.VERTICAL PRE DRIVE
Q1330 2SB546 (K)/(L) 2SB546A (K)/(L)
Q1382, Q1381 2SA673A (C) x2
Q1383 2SD401A (K)
Q1384 2SB546 (K) 2SB546A (K)
Q1385 2SC1213A (C)
CR R-CY CYAN ORANGE LIGHT BROWN BLACK RH RV
CB B-CY CYAN ORANGE LIGHT BROWN BLACK BH BV
CG G-CY CYAN ORANGE LIGHT BROWN BLACK GH GV
TO DEFLECTION P.C.B.
TO CONVER SUB P.C.B.
CV CX HN P
Note : Resistance not designated is 1/16W.

DEFLECTION CIRCUIT DIAGRAM

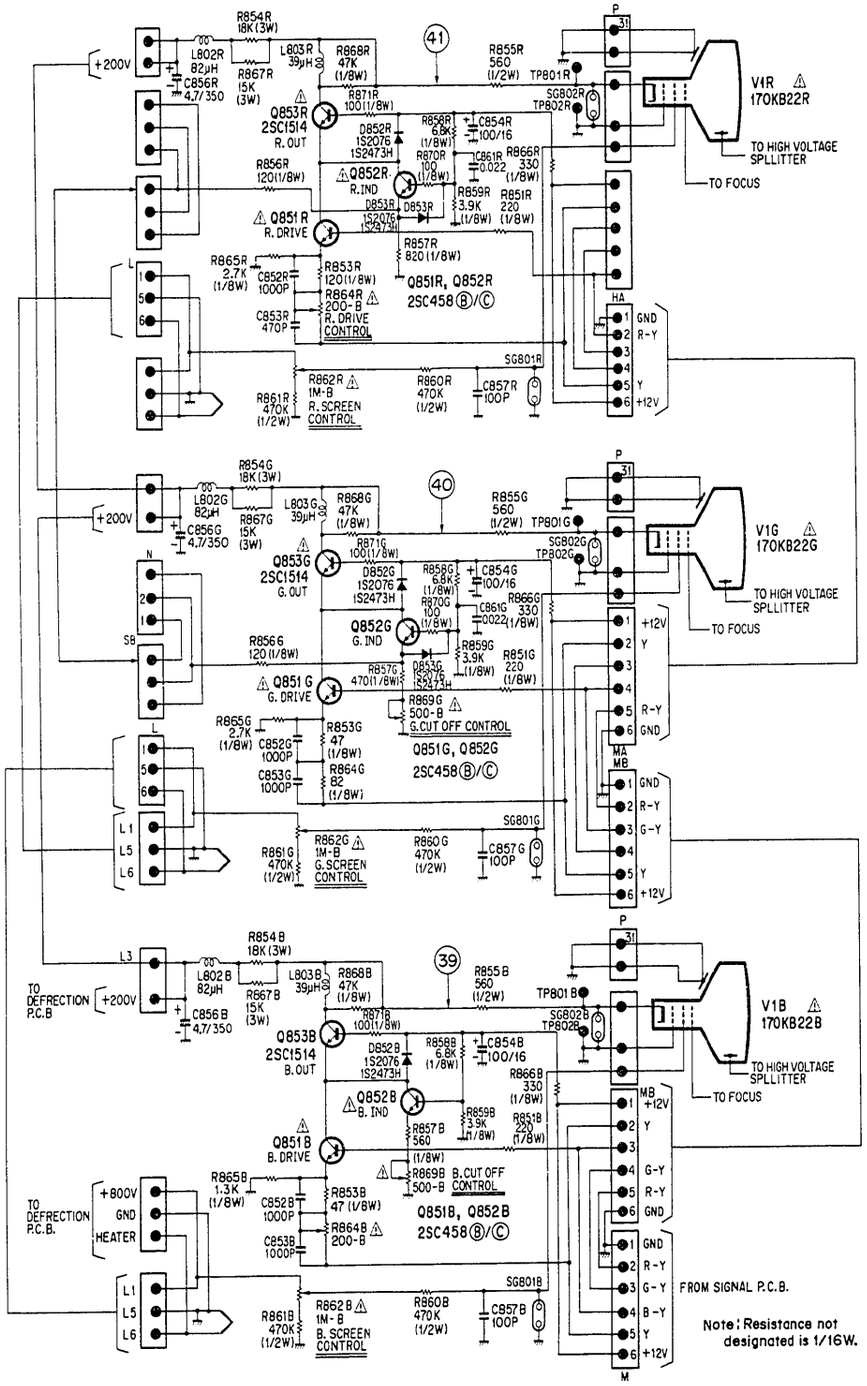


RCUIT DIAGRAM



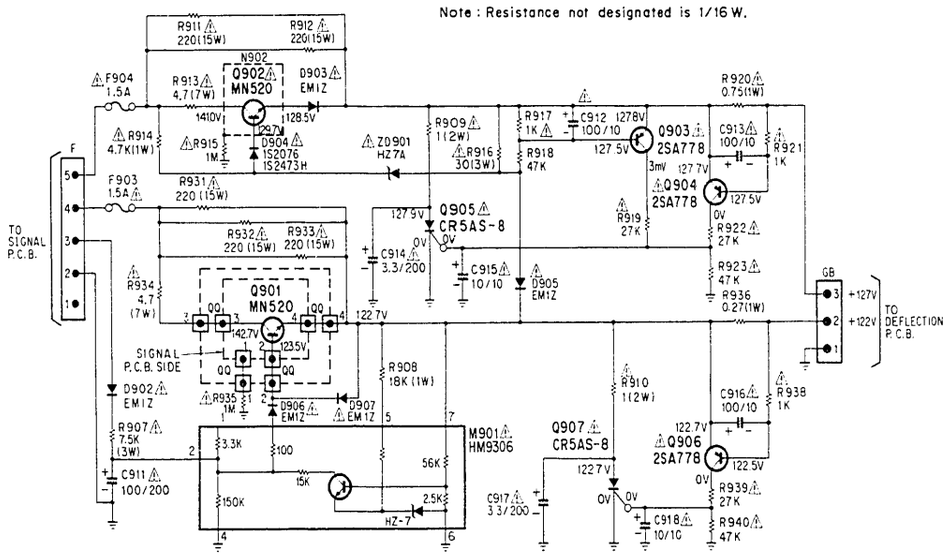
Note : Resistance not designated is 1/16W.

CRT CIRCUIT DIAGRAM

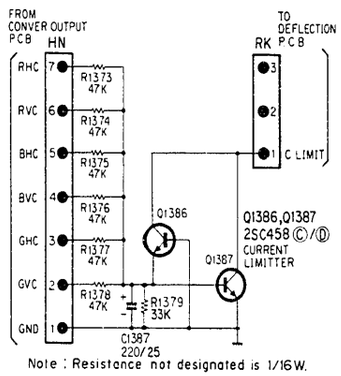


Note: Resistance not designated is 1/16W.

POWER SUB. CIRCUIT DIAGRAM

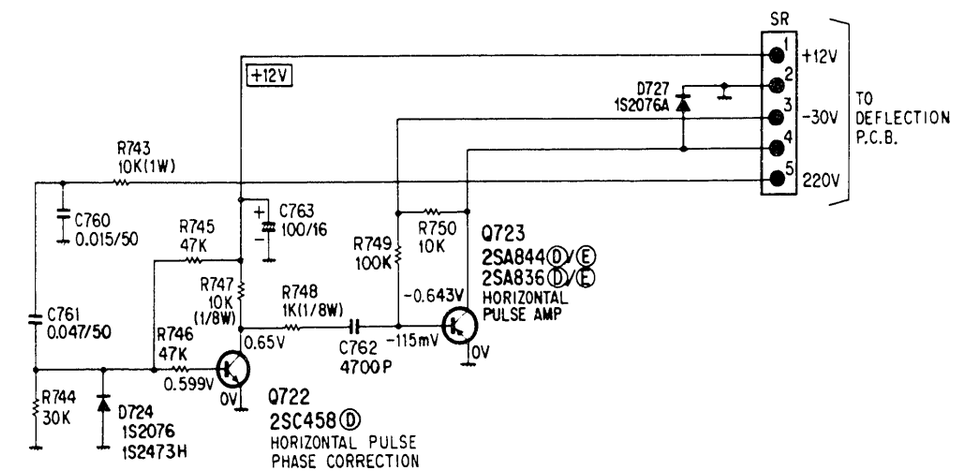


CONVERGENCE SUB CIRCUIT DIAGRAM

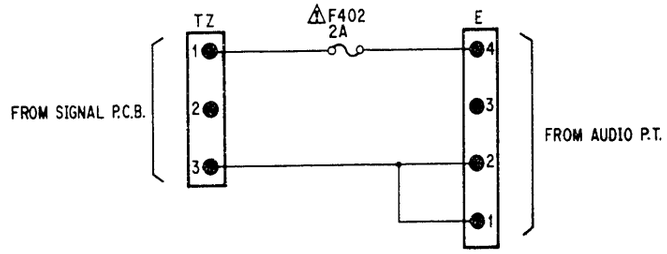


Note : Resistance not designated is 1/16W.

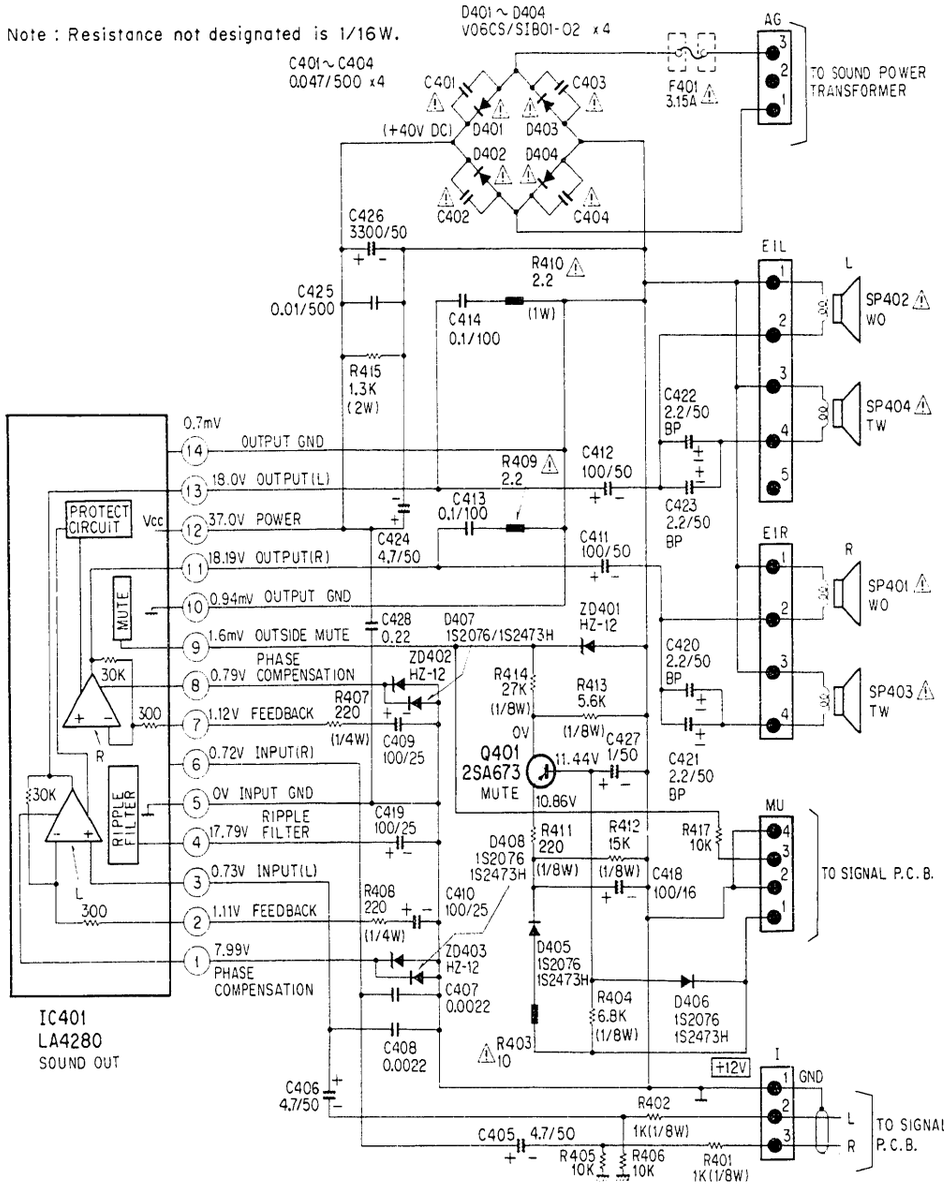
H. SUB CIRCUIT DIAGRAM



FUSE SUB CIRCUIT DIAGRAM

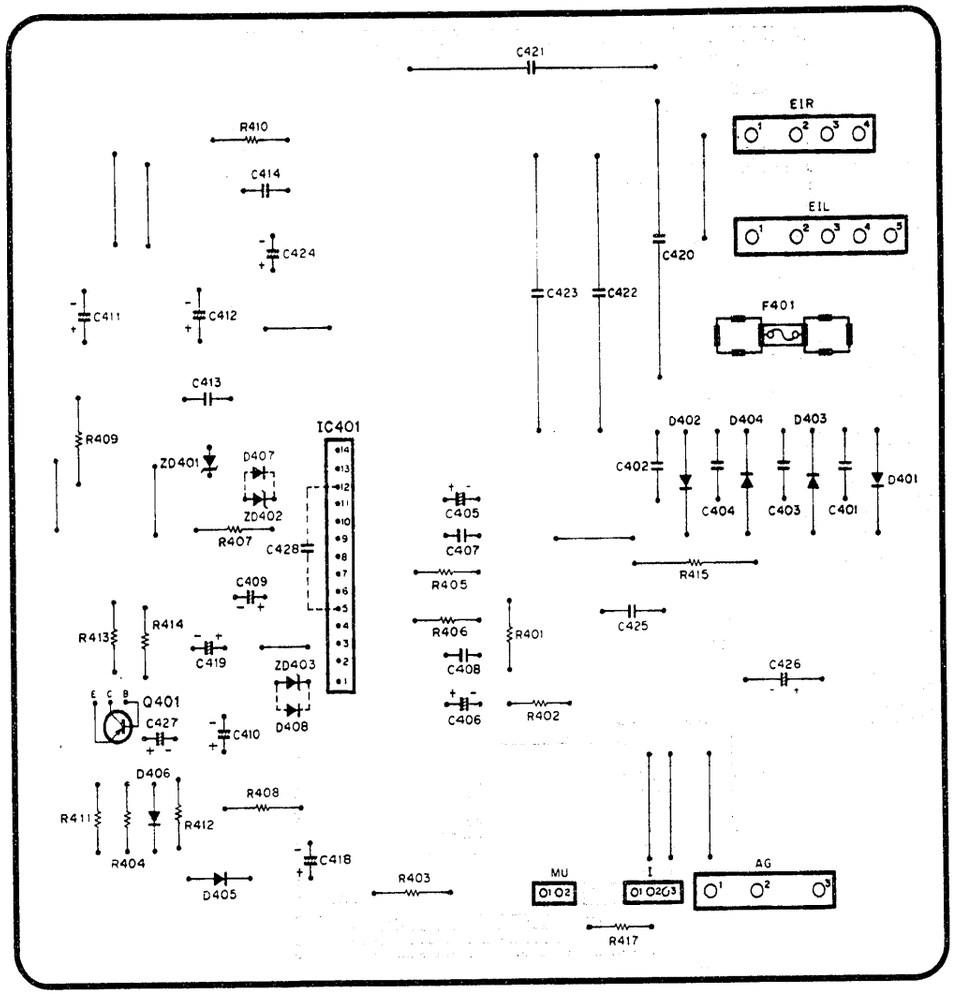


SOUND OUTPUT CIRCUIT DIAGRAM

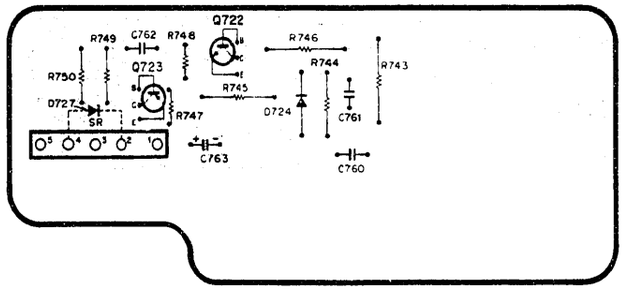


PRINTED CIRCUIT BOARD

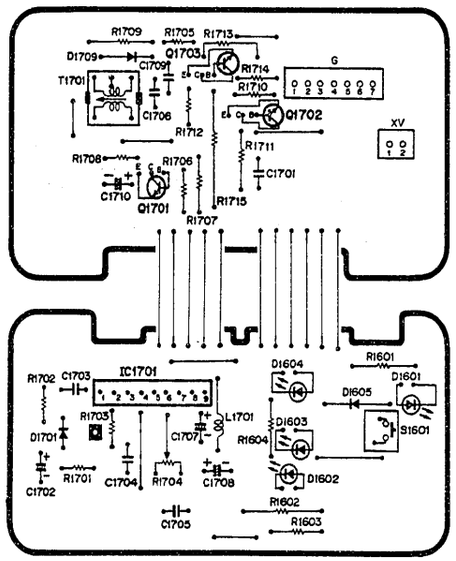
SOUND OUTPUT P.C. BOARD



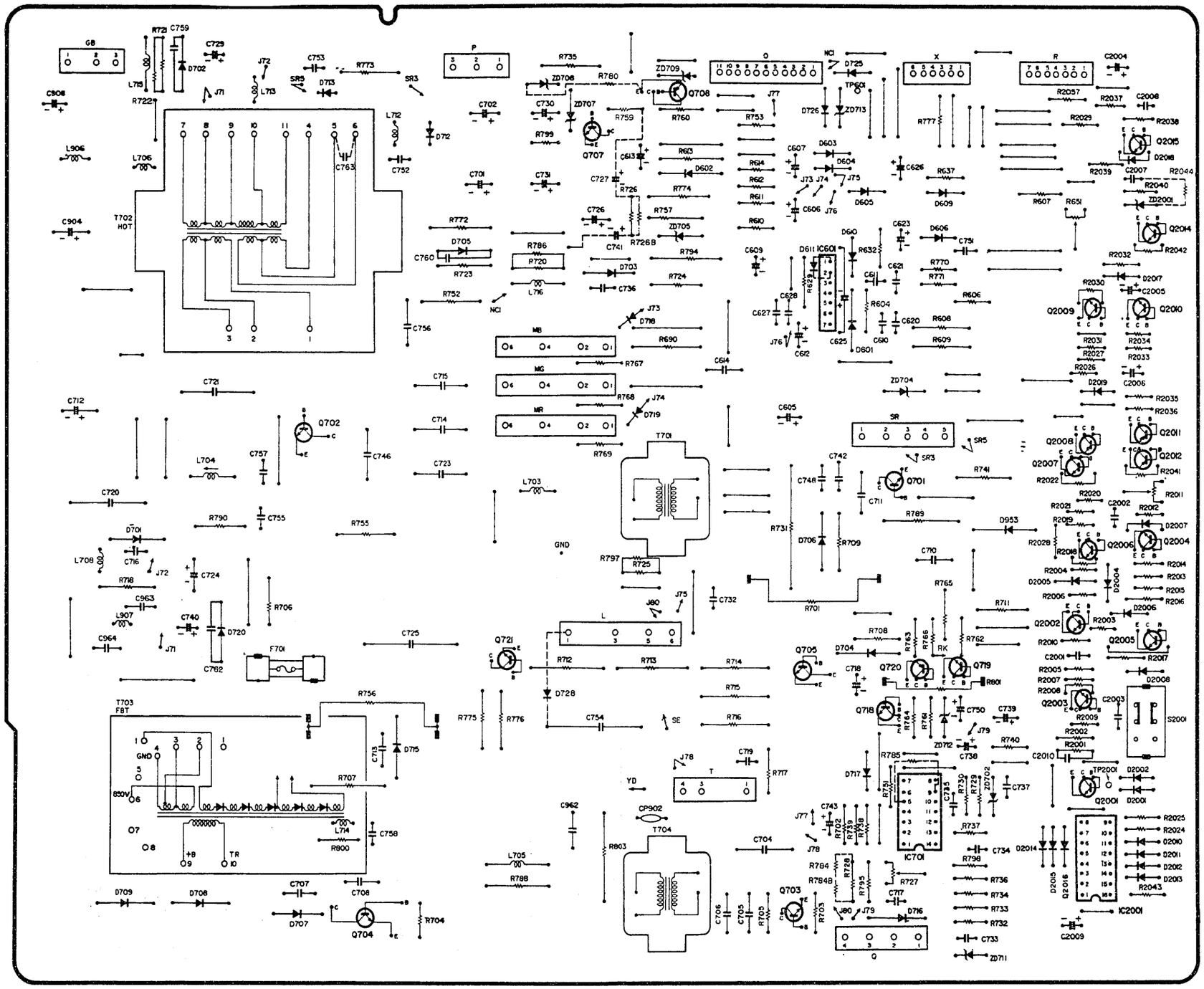
H. SUB P.C. BOARD



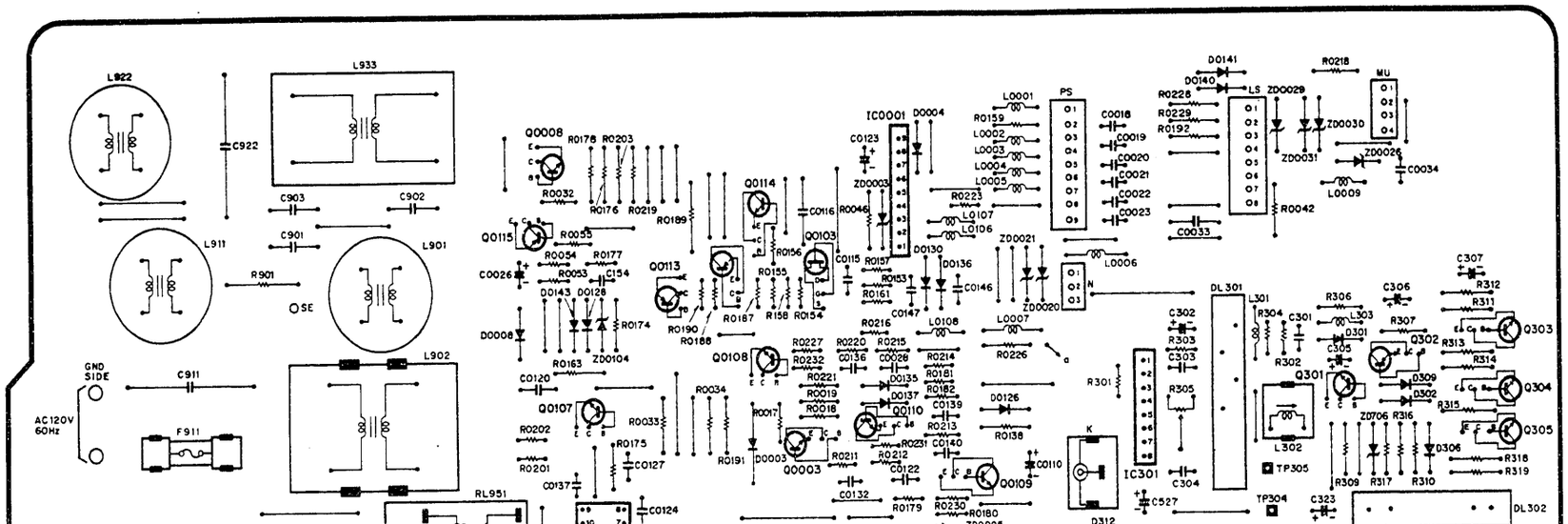
CONTROL A P.C. BOARD



DEFLECTION P.C. BOARD



SIGNAL P.C. BOARD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C922
C903
C902
C901
L911
L901
R901
SE
GND SIDE
AC120V 60Hz
C911
F911
L902
RL951
TZ4
TZ2
D956
IC0103
L0103
D0020
D0019
R903
R905
R906
R904
C908
C906
C905
C904
L903
L904
D901
R902
C909
C910
NS1
NS2
NS3
NS4
T951
C0010
R0001
C0011
ZD0001
D0010
R951
R952
Q951
Q952
R955
C953
C952
R747
L0102
D955
D954
D951
D0002
C951
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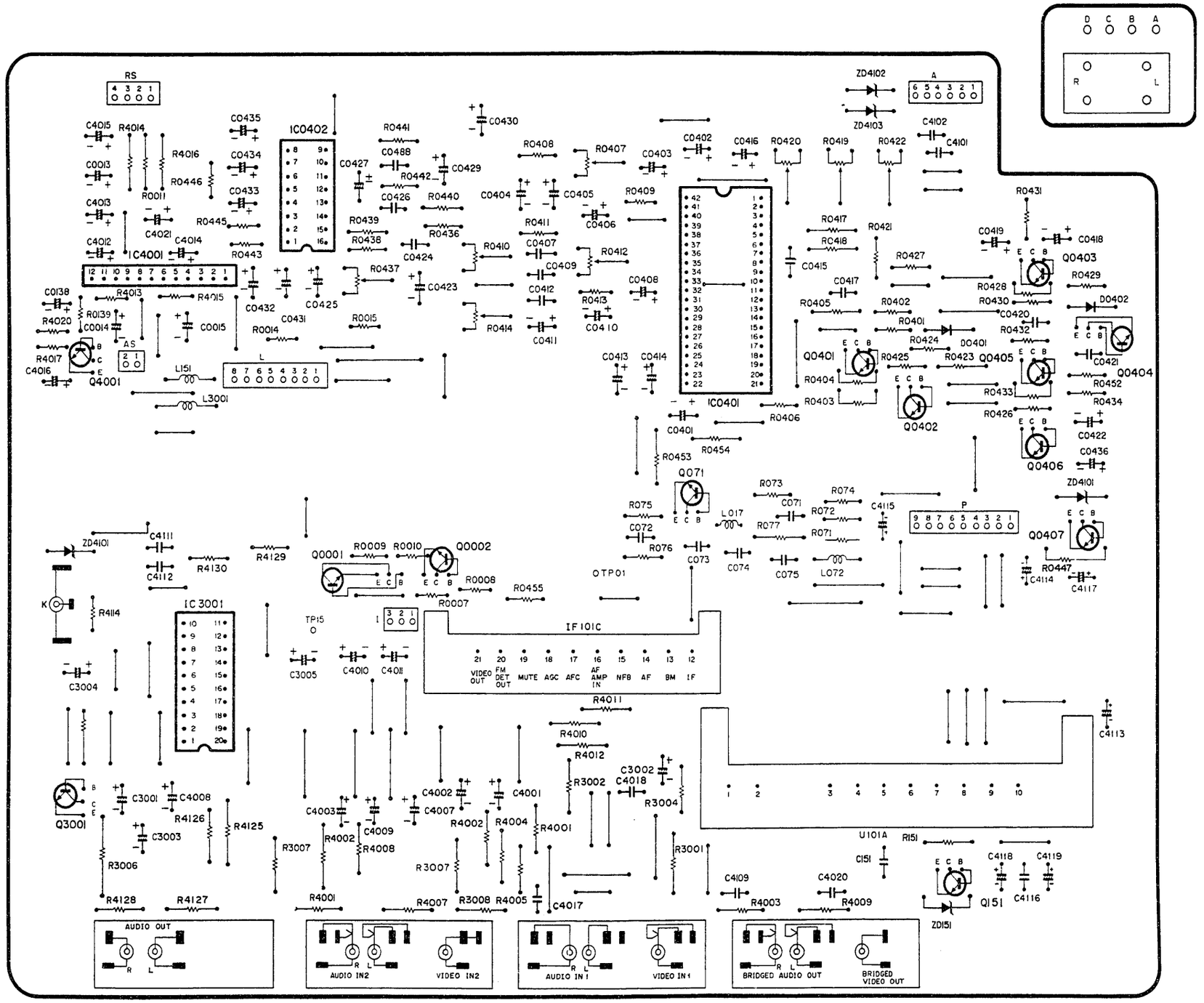
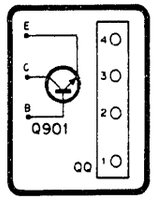
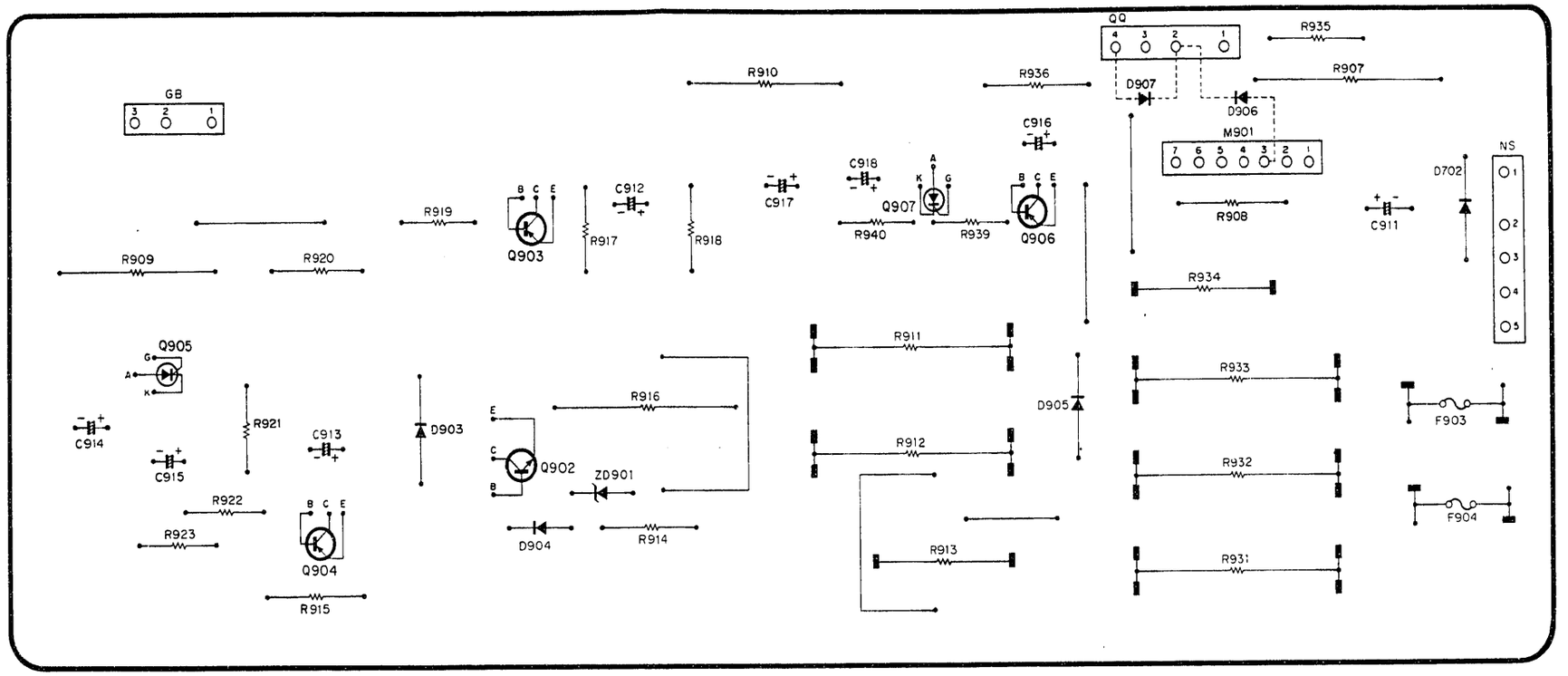
INPUT/OUTPUT TERMINAL P.C. BOARD

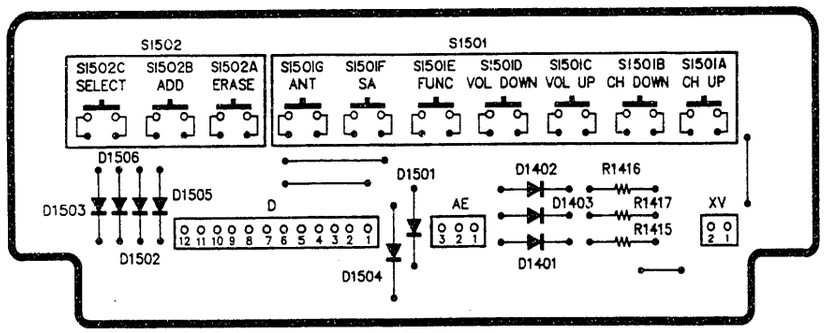


POWER SUB P.C. BOARD

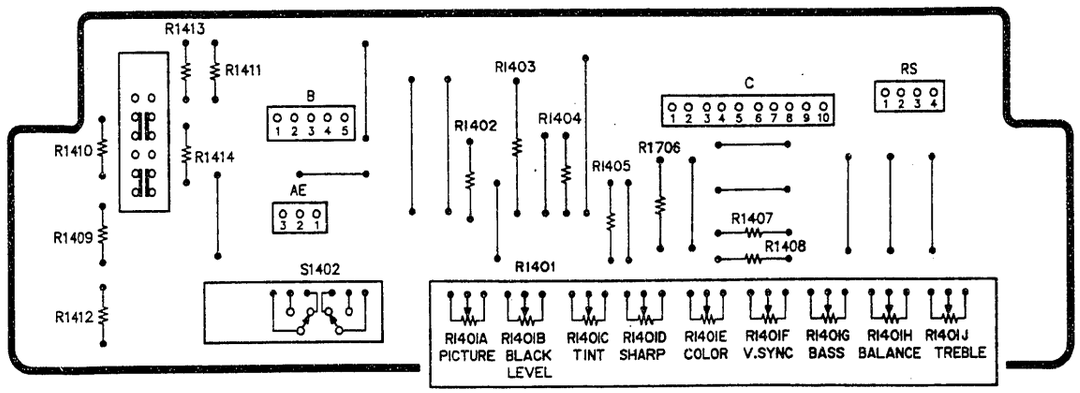




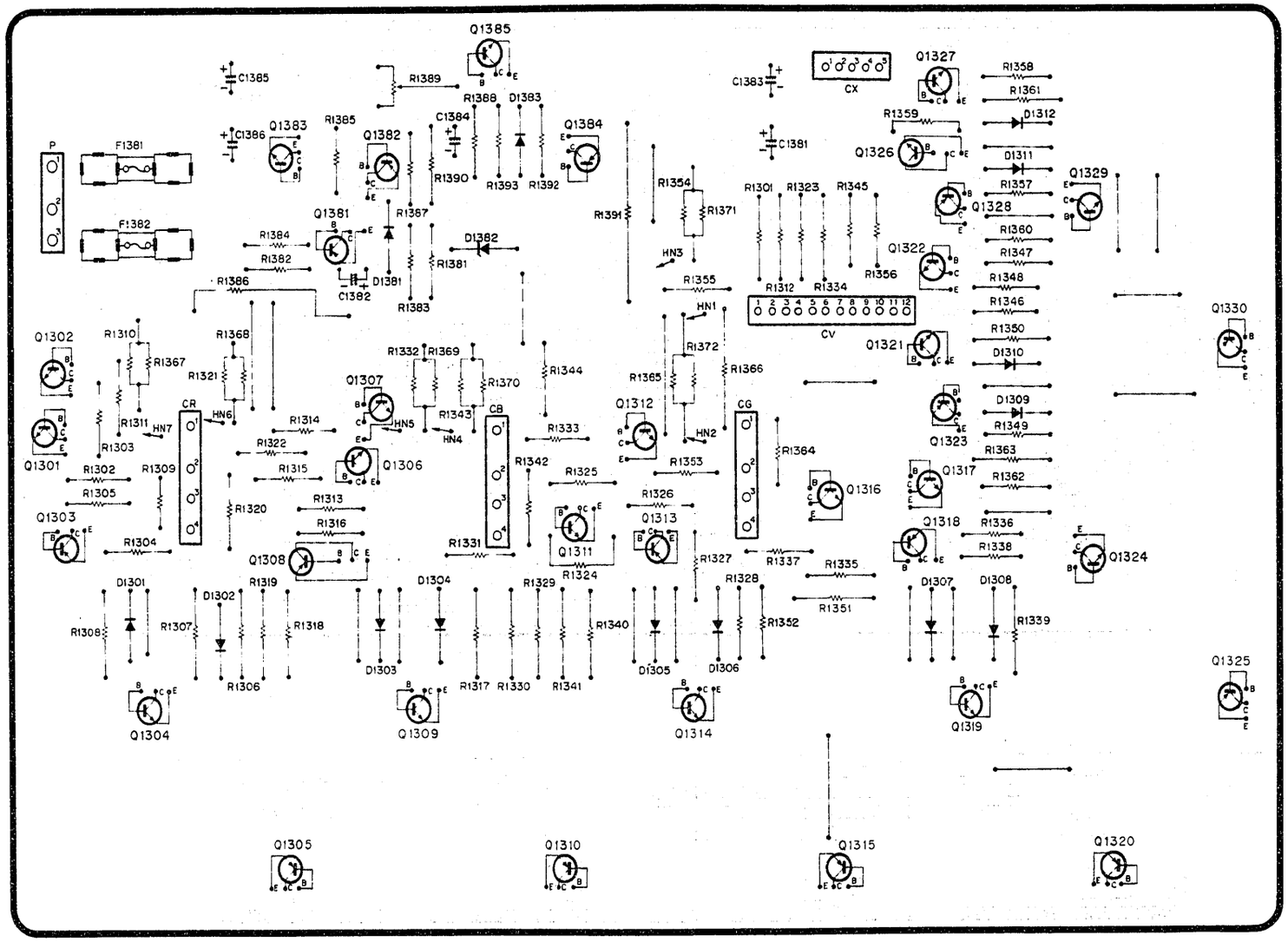
CONTROL B P.C. BOARD



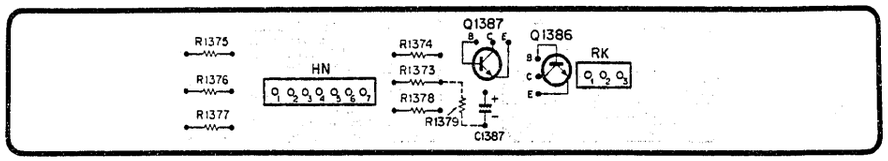
CONTROL C P.C. BOARD



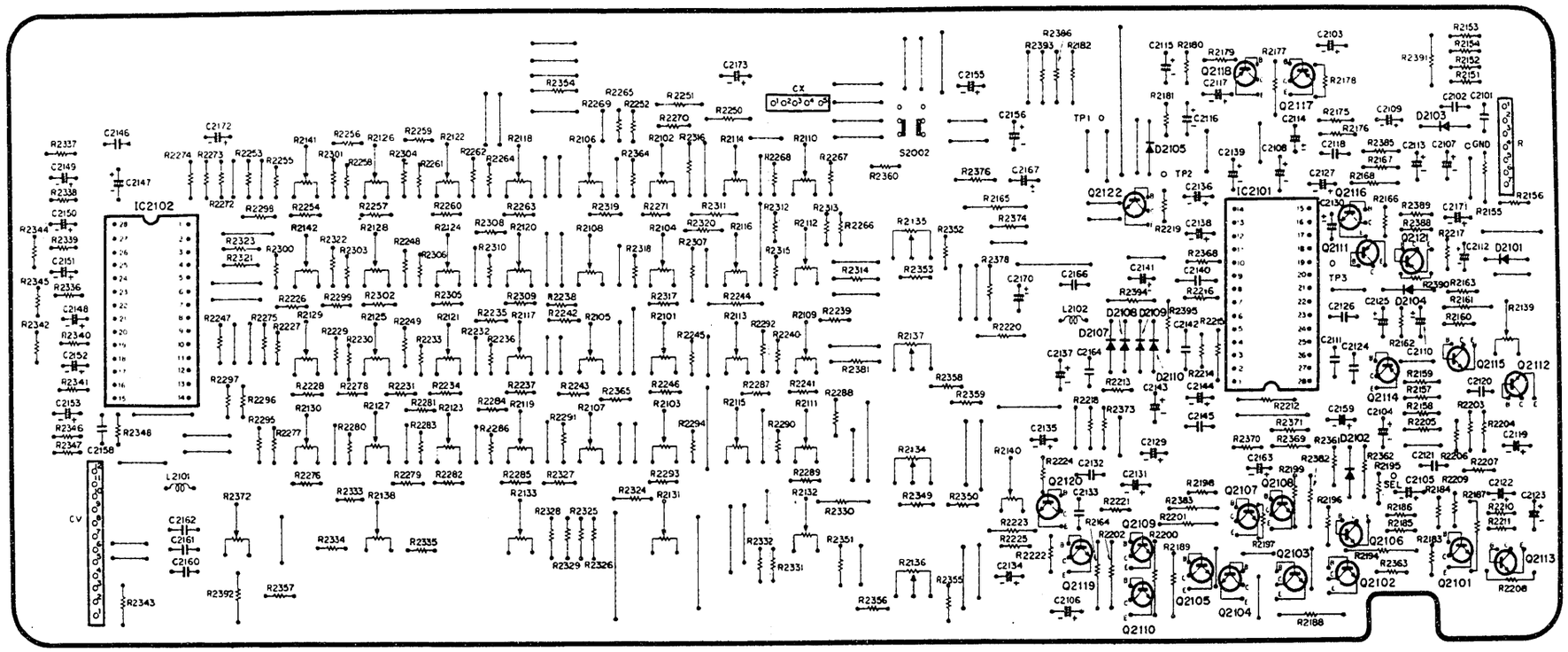
CONVERGENCE OUT P.C. BOARD



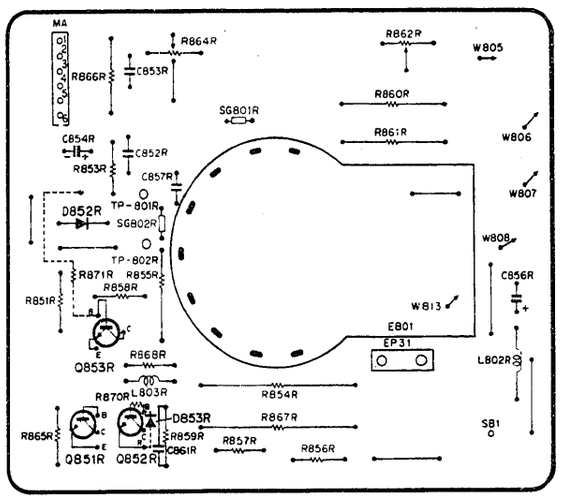
CONVERGENCE SUB P.C. BOARD



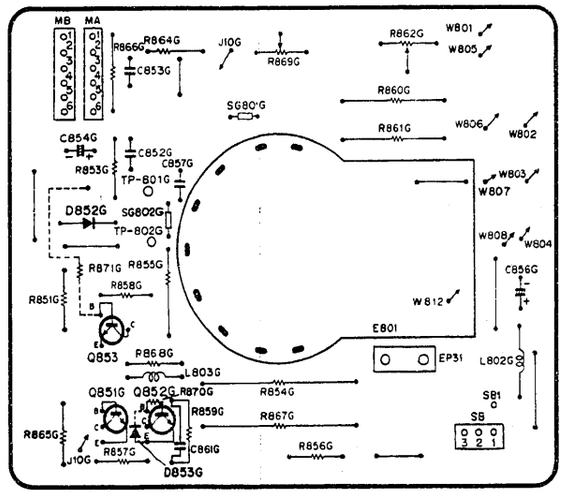
CONVERGENCE CORRECTION P.C. BOARD



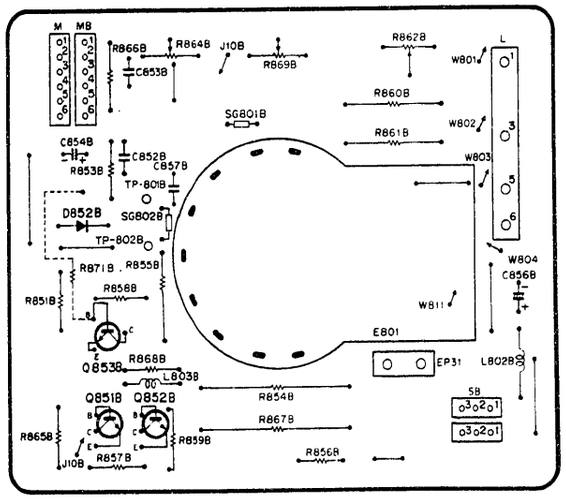
CRT R P.C. BOARD



CRT G P.C. BOARD



CRT B P.C. BOARD



REPLACEMENT PARTS LIST

PRODUCT SAFETY NOTE: Components marked with a ⚠ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

ABBREVIATIONS: Capacitors . . . . . CD: Ceramic disk, PF: Polyester film, EL: Electrolytic, PP: Polypropylene, PR: Paper, TA: Tantalum
Resistors . . . . . CF: Carbon film, CC: Carbon composition, OMF: Metal oxide film, VR: Variable resistor, WW: Wire wound, FR: Fuse resistor, MG: Metal glase

SYMBOL NO.	PARTS NO.	DESCRIPTION
		CAPACITORS:
C0010	0253088	EL 33MF 50V
C0011	0274075	PF 100PF 50V
C0012	0253091	EL 220MF 50V
C0013	0253082	EL 1MF 50V
C0014	0253066	EL 10MF 25V
C0015	0253066	EL 10MF 25V
C0016	0246084	CD 100PF +-5% 50V
C0018	0244501	CD 1000PF +-10% 500V
C0019	0277013	PF 0.01MF +-10% 50V
C0020	0244501	CD 1000PF +-10% 500V
C0021	0244501	CD 1000PF +-10% 500V
C0022	0244501	CD 1000PF +-10% 500V
C0023	0244501	CD 1000PF +-10% 500V
C0024	0276319	PF 150PF 50V
C0025	0246466	CD 120PF +-5% 50V
C0026	0252946	EL 100MF 16V
C0028	0244109	CD 4700PF +-10% 50V
C0030	0277013	PF 0.01MF +-10% 50V
C0031	0277013	PF 0.01MF +-10% 50V
C0032	0276271	PF 0.22MF 50V +-10%
C0033	0277013	PF 0.01MF +-10% 50V
C0034	0277013	PF 0.01MF +-10% 50V
C0110	0253065	EL 4.7MF 25V
C0111	0277013	PF 0.01MF +-10% 50V
C0112	0253054	EL 1000MF 16V
C0113	0253051	EL 220MF 16V
C0115	0277021	PF 0.047MF +-10% 50V
C0116	0277029	PF 0.22MF +-10% 50V
C0117	0253083	EL 2.2MF 50V
C0118	0277013	PF 0.01MF +-10% 50V
C0119	0256668	CD 22PF +-5% 50V
C0120	0246620	CD 10PF +-0.5% 50V
C0121	0246084	CD 100PF +-5% 50V
C0122	0246092	CD 220PF +-5% 50V
C0123	0253051	EL 220MF 16V
C0124	0277013	PF 0.01MF +-10% 50V
C0125	0277021	PF 0.047MF +-10% 50V
C0126	0277025	PF 0.1MF +-10% 50V
C0127	0246084	CD 100PF +-5% 50V
C0131	0246092	CD 220PF +-5% 50V
C0132	0246092	CD 220PF +-5% 50V
C0134	0246092	CD 220PF +-5% 50V
C0137	0244139	CD 1000PF +-10% 50V
C0138	0253065	EL 4.7MF 25V
C0139	0246092	CD 220PF +-5% 50V
C0140	0246092	CD 220PF +-5% 50V
C0141	0246109	CD 4700PF +-10% 50V
C0142	0246109	CD 4700PF +-10% 50V
C0150	0246086	CD 1000PF +-5% 50V
C0167	0246086	CD 1000PF +-5% 50V
C0401	0253082	EL 1MF 50V
C0402	0253049	EL 47MF 16V
C0403	0253066	EL 10MF 25V
C0404	0253065	EL 4.7MF 25V
C0405	0253082	EL 1MF 50V
C0406	0253066	EL 10MF 25V
C0407	0299007	PP 1800PF+-2% 100V
C0408	0253066	EL 10MF 25V
C0409	0276829	PF 0.033MF +-5% 50V
C0410	0253066	EL 10MF 25V
C0411	0253066	EL 10MF 25V
C0412	0246109	CD 4700PF +-10% 50V
C0413	0253082	EL 1MF 50V
C0414	0253082	EL 1MF 50V
C0415	0277013	PF 0.01MF +-10% 50V
C0416	0253066	EL 10MF 25V
C0417	0277017	PF 0.022MF +-10% 50V
C0418	0253082	EL 1MF 50V
C0419	0253066	EL 10MF 25V
C0420	0244139	CD 1000PF +-10% 50V
C0421	0246090	CD 330PF +-5% 50V
C0422	0253066	EL 10MF 25V
C0423	0253066	EL 10MF 25V
C0424	0276835	PF 0.1MF +-5% 50V
C0425	0253082	EL 1MF 50V
C0426	0276827	PF 0.022MF +-5% 50V
C0427	0259807	EL 10MF 16V
C0428	0276815	PF 2200PF +-5% 50V
C0429	0253066	EL 10MF 25V
C0430	0253051	EL 220MF 16V
C0431	0253066	EL 10MF 25V
C0432	0253082	EL 1MF 50V
C0433	0253066	EL 10MF 25V
C0436	0253083	EL 2.2MF 50V
C0439	0253066	EL 10MF 25V
C0450	0253050	EL 100MF 16V
C0451	0253082	EL 1MF 50V
C0452	0253082	EL 1MF 50V
C0453	0246084	CD 100PF +-5% 50V
C0454	0246084	CD 100PF +-5% 50V
C0455	0246084	CD 100PF +-5% 50V
C0456	0246084	CD 100PF +-5% 50V
C0457	0246084	CD 100PF +-5% 50V
C0458	0246084	CD 100PF +-5% 50V
C0459	0246084	CD 100PF +-5% 50V
C0460	0246084	CD 100PF +-5% 50V
C0461	0246084	CD 100PF +-5% 50V
C0462	0246084	CD 100PF +-5% 50V
C0463	0246084	CD 100PF +-5% 50V
C0464	0246084	CD 100PF +-5% 50V
C0465	0246084	CD 100PF +-5% 50V
C0466	0246084	CD 100PF +-5% 50V
C0467	0246084	CD 100PF +-5% 50V
C0468	0246084	CD 100PF +-5% 50V
C0469	0246084	CD 100PF +-5% 50V
C0470	0246084	CD 100PF +-5% 50V
C0471	0246084	CD 100PF +-5% 50V
C0472	0246084	CD 100PF +-5% 50V
C0473	0246084	CD 100PF +-5% 50V
C0474	0246084	CD 100PF +-5% 50V
C0475	0246084	CD 100PF +-5% 50V
C1361	0252982	EL 100MF 50V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C1362	0252976	EL 10MF 50V
C1363	0252982	EL 100MF 50V
C1364	0252976	EL 10MF 50V
C1365	0252982	EL 100MF 50V
C1366	0252982	EL 100MF 50V
C1367	0252965	EL 25V 220MF
C151	0277013	PF 0.01MF +-10% 50V
C152	0244105	CD 2200PF +-10% 50V
C1701	0276823	PF 0.01MF +-5% 50V
C1702	0252867	EL 2.2MF +-20% 50V
C1703	0244117	CD 680PF +-10% 50V
C1704	0276271	PF 0.047MF 50WV
C1705	0274071	PF 0.047MF 50WV
C1706	0276822	PF 4700PF +-5% 50V
C1707	0252860	EL 1MF 16V
C1708	0252863	EL 47MF +-20% 16V
C1709	0276829	PF 0.033MF +-5% 50V
C1710	0252274	EL 100MF 6.3V
C2001	0244118	CD 47PF +-10% 50V
C2002	0246139	CD 1000PF +-10% 50V
C2003	0246072	CD 33PF +-5% 50V
C2004	0253089	EL 47MF DC50WV
C2005	0253047	EL 22MF 16V
C2006	0253050	EL 100MF 16V
C2007	0276829	PF 0.033MF +-5% 50V
C2008	0246092	CD 220PF +-5% 50V
C2009	0253049	EL 47MF 16V
C2010	0244139	CD 1000PF +-10% 50V
C2101	0246136	CD 270 PF+-10% 50V
C2102	0246118	CD 47PF +-10% 50V
C2103	0252962	EL 1MF 16V
C2104	0252962	EL 10MF 16V
C2105	0252976	EL 10MF 50V
C2106	0252976	EL 10MF 50V
C2107	0252962	EL 10MF 16V
C2108	0252962	EL 10MF 16V
C2109	0252962	EL 10MF 16V
C2110	0252417	EL 1MF 50V
C2111	0244230	CD 220PF +-10% 50V
C2112	0252973	EL 0.47MF 50V
C2113	0252978	EL 10MF 50V
C2114	0252396	EL 10MF 16V
C2115	0252927	EL 47MF 10V
C2116	0252927	EL 47MF 10V
C2117	0252962	EL 10MF 16V
C2118	0244103	CD 1500PF +-10% 50V
C2119	0252965	EL 220MF 16V
C2120	0244118	CD 47PF +-10% 50V
C2121	0244120	CD 82PF +-10% 50V
C2122	0252976	EL 10MF 50V
C2123	0252962	EL 10MF 16V
C2124	0276811	PF 0.01MF +-10% 50V
C2125	0252618	EL 2.2MF 50V
C2126	0274012	PF 0.0015MF +-10% 50WV
C2127	0252976	EL 1MF 50V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C2128	0252962	EL 10MF 16V
C2130	0252617	EL 1MF 50V
C2131	0252962	EL 10MF 16V
C2132	0246103	CD 1500PF +-10% 50V
C2133	0276269	PF 0.1MF +-10% 50V
C2136	0252962	EL 10MF 16V
C2135	0252962	EL 10MF 16V
C2136	0252962	EL 10MF 16V
C2137	0252946	EL 100MF 16V
C2138	0252962	EL 10MF 16V
C2139	0252946	EL 100MF 16V
C2140	0276271	PF 0.22MF 50V +-10%
C2141	0252396	EL 10MF 16V
C2142	0276271	PF 0.22MF 50V +-10%
C2143	0252946	EL 100MF 16V
C2144	0252965	EL 47MF 16V
C2145	0246161	CD 0.01MF +-10% 50V
C2146	0246161	CD 0.01MF +-10% 50V
C2147	0252965	EL 47MF 16V
C2148	0252962	EL 10MF 16V
C2149	0252962	EL 10MF 16V
C2150	0252962	EL 10MF 16V
C2151	0252962	EL 10MF 16V
C2152	0252962	EL 10MF 16V
C2153	0252962	EL 10MF 16V
C2155	0252981	EL 47MF 50V
C2156	0252981	EL 47MF 50V
C2158	0246232	CD 0.047MF +80-20% 50V
C2159	0252962	EL 10MF 16V
C2160	0275011	PF 0.01MF +-10% 50V
C2161	0275011	PF 0.01MF +-10% 50V
C2162	0299029	PP 0.018MF +-2% 100V
C2163	0252962	EL 10MF 16V
C2164	0274012	PF 0.0015MF +-10% 50WV
C2166	0275015	PF 0.047MF +-10% 50V
C2167	0252396	EL 10MF 16V
C2170	0252396	EL 10MF 16V
C2171	0252976	EL 1MF 50V
C2172	0252981	EL 47MF 50V
C2173	0252962	EL 10MF 16V
C3001	0253066	EL 10MF 25V
C3002	0253066	EL 10MF 25V
C3003	0253051	EL 220MF 16V
C3004	0253051	EL 220MF 16V
C3005	0253066	EL 10MF 25V
C301	0246088	CD 150PF +-5% 50V
C302	0253066	EL 10MF 25V
C303	0246452	CD 33PF +-5% 50V
C304	0277013	PF 0.01MF +-10% 50V
C305	0253062	EL 1MF 50V
C306	0253050	EL 100MF 16V
C307	0253062	EL 22MF 16V
C308	0253065	EL 4.7MF 25V
C309	0277013	PF 0.01MF +-10% 50V
C310	0277013	PF 0.01MF +-10% 50V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C313	0253066	EL 10MF 25V
C312	0277013	PF 0.01MF +-10% 50V
C313	0253066	EL 10MF 25V
C314	0277013	PF 0.01MF +-10% 50V
C315	0253082	EL 1MF 50V
C316	0253065	EL 4.7MF 25V
C317	0253065	EL 4.7MF 25V
C322	0246466	CD 120PF +-5% 50V
C323	0252965	EL 47MF 16V
C325	0253049	EL 47MF 16V
C330	0246088	CD 150PF +-5% 50V
C331	0246466	CD 120PF +-5% 50V
C4001	0253082	EL 1MF 50V
C4002	0253082	EL 1MF 50V
C4003	0253082	EL 1MF 50V
C4004	0277013	PF 0.01MF +-10% 50V
C4005	0277013	PF 0.01MF +-10% 50V
C4006	0253082	EL 1MF 50V
C4007	0253082	EL 1MF 50V
C4008	0253082	EL 1MF 50V
C4009	0253082	EL 1MF 50V
C4010	0253066	EL 10MF 25V
C4011	0253066	EL 10MF 25V
C4012	0252806	EL 0.22MF 50V
C4013	0253082	EL 1MF 50V
C4014	0252806	EL 0.22MF 50V
C4015	0253082	EL 1MF 50V
C4017	0246084	CD 100PF +-5% 50V
C4018	0246084	CD 100PF +-5% 50V
C4019	0246084	CD 100PF +-5% 50V
C4402	0244509	CD 4700PF +-10% 500V
C4020	0246084	CD 100PF +-5% 50V
C4403	0244509	CD 4700PF +-10% 500V
C4404	0244509	CD 4700PF +-10% 500V
C4405	0253085	EL 4.7MF 50V
C4406	0253085	EL 4.7MF 50V
C4407	0244111	CD 6800PF +-10% 50V
C4408	0244111	CD 6800PF +-10% 50V
C4409	0253070	EL 100MF DC25V
C4410	0253070	EL 100MF DC25V
C4101	0246121	CD 0.01MF +80-20% 50V
C4102	0246121	CD 0.01MF +80-20% 50V
C4111	0253096	EL 1000MF 50V
C4112	0246121	CD 0.01MF +80-20% 50V
C4112	0246121	CD 0.01MF +80-20% 50V
C4113	0253067	EL 22MF 16V
C4114	0253067	EL 22MF 16V
C4115	0253067	EL 22MF 16V
C4116	0277017	PF 0.022MF +-10% 50V
C4117	0252683	EL 47MF +-20% 16V
C4118	0253067	EL 22MF 16V
C4119	0253067	EL 22MF 16V
C412	0253094	EL 1000MF 50V
C4120	0253068	EL 33MF 16V
C4121	0253068	EL 33MF 16V
C413	0279859	PF 0.1MF +-10% 100V
C414	0279859	PF 0.1MF +-10% 100V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C418	0253050	EL 100MF 16V
C419	0253070	EL 100MF DC25V
C420	0257068	EL 2.2MF 25V
C421	0257068	EL 2.2MF 25V
C422	0257068	EL 2.2MF 25V
C423	0257068	EL 2.2MF 25V
C424	0253085	EL 4.7MF 50V
C425	0246561	CD 0.01MF +-10% 500V
C426	0259929	EL 3300MF 50V
C427	0253082	EL 1MF 50V
C428	0276839	PF 0.22MF +-5% 50V
C501	0246084	CD 100PF +-5% 50V
C503	0246080	CD 68PF +-5% 50V
C504	0246084	CD 100PF +-5% 50V
C505	0277013	PF 0.01MF +-10% 50V
C506	0246080	CD 68PF +-5% 50V
C508	0253065	EL 4.7MF 25V
C509	0253066	EL 3.3MF 50V
C510	0277013	PF 0.01MF +-10% 50V
C511	0277025	PF 0.1MF +-10% 50V
C512	0246466	CD 22PF +-5% 50V
C513	0277015	PF 0.015MF +-10% 50V
C514	0253083	EL 2.2MF 50V
C515	0253083	EL 2.2MF 50V
C516	0244136	CD 270 PF+-10% 50V
C517	0246136	CD 270 PF+-10% 50V
C518	0246136	CD 270 PF+-10% 50V
C519	0253066	EL 10MF 25V
C520	0253066	EL 10MF 25V
C524	0253053	EL 470MF 16V
C525	0244105	CD 2200PF +-10% 50V
C526	0277013	PF 0.01MF +-10% 50V
C527	0253066	EL 10MF 25V
C528	0246113	CD 330PF +-10% 50V
C529	0246113	CD 330PF +-10% 50V
C530	0244113	CD 330PF +-10% 50V
C532	0277025	PF 0.1MF +-10% 50V
C601	0253066	EL 10MF 25V
C602	0246139	CD 1000PF +-10% 50V
C603	0246102	CD 1200PF +-10% 50V
C606	0277015	PF 0.015MF +-10% 50V
C605	0252967	EL 2.2MF 50V
C606	0253084	EL 3.3MF 50V
C607	0253081	EL 0.47MF DC50V
C609	0253092	EL 330MF 50V
C610	0276771	PF 0.0068MF 50V +-10%
C611	0246115	CD 560PF +-10% 50V
C612	0253086	EL 1MF 50V
C613	0253082	EL 1MF 50V
C614	0279859	PF 0.1MF +-10% 100V
C618	0246139	CD 1000PF +-10% 50V
C619	0277013	PF 0.01MF +-10% 50V
C620	0246113	CD 330PF +-10% 50V
C621	0277013	PF 0.01MF +-10% 50V
C623	0253046	EL 10MF 16V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C625	0252981	EL 47MF 50V
C626	0272716	TA 1.0MF +-20% 20V
C627	0246141	CD 0.01MF +-10% 50V
C628	0277013	PF 0.01MF +-10% 50V
C701	0252751	EL 1000MF 50V
C701	0253082	EL 1MF 50V
C702	0252751	EL 1000MF 50V
C702	0253083	EL 2.2MF 50V
C703	0244120	CD 820PF +-10% 50V
C704	0253049	EL 47MF 16V
C704	0299926	PP 0.1MF +-10% 200V
C705	0253085	EL 4.7MF 50V
C705	0299970	PP CON 1200PF 630V
C706	0246511	CD 6800PF +-10% 50WV
C706	0277021	PF 0.047MF +-10% 50V
C707	0244209	CD 68PF +-10% 1600V
C707	0277017	PF 0.022MF +-10% 50V
C708	0246215	CD 220PF +-10% 2KV
C709	0253066	EL 10MF 25V
C709	0244139	CD 1000PF +-10% 50V
C710	0277029	PF 0.22MF +-10% 50V
C711	0246509	CD 4700PF +-10% 50WV
C712	0259992	EL 330MF 200V
C713	0244206	CD 220PF +-10% 2KV
C714	0299996	PP 0.033MF +-5% 630V
C715	0299996	PP 0.033MF +-5% 630V
C716	0243507	CD 330PF +-10% 500V
C717	0275012	PF 0.013MF +-10% 50V
C718	0253049	EL 47MF 16V
C719	0246120	CD 82PF +-10% 50V
C720	0299605	PP 0.15MF +-10% DC
C721	0299934	PP 0.47MF +-10% 200V
C724	0299995	PP 0.022MF +-5% 630V
C724	0253463	EL 33MF 35WV
C725	0299636	PP 0.068MF 1600V
C726	0253922	EL 330MF 100V
C730	0252719	EL 470MF 16V
C731	0252750	EL 470MF 50V
C732	0276835	PF 0.1MF +-5% 50V
C733	0244232	CD 0.047MF +80-20% 50V
C735	0277019	PF 0.033MF +-10% 50V
C734	0244120	CD 82PF +-10% 50V
C734	0253082	EL 1MF 50V
C735	0244105	CD 2200PF +-10% 50V
C736	0243507	CD 330PF +-10% 500V
C737	0244227	CD 100PF +-10% 50V
C738	0253049	EL 47MF 16V
C739	0253054	EL 1000MF 16V
C739	0253070	EL 100MF DC25V
C740	0253916	EL 10MF 100V
C741	0253086	EL 1MF 50V
C742	0244501	CD 1000PF +-10% 500V
C743	0253086	EL 1MF 50V
C744	0244202	CD 47PF +-10% 2KV
C746	0244105	CD 2200PF +-10% 50V

SYMBOL NO.	PARTS NO.	DESCRIPTION
C750	0253029	EL 47MF 10V
C751	0276835	PF 0.1MF +-5% 50V
C752	0244501	CD 1000PF +-10% 500V
C753	0244501	CD 1000PF +-10% 500V
C754	0299036	PP 0.068MF 1600V
C755	0246505	CD 2200PF +-10% 50V
C756	0249388	CD 100PF +-10%
C757	0275011	PF 0.01MF +-10% 50V
C758	0244111	CD 6800PF +-10% 50V
C759	0243507	CD 330PF +-10% 500V
C760	0243507	CD 330PF +-10% 500V
C760	0274065	PF 0.015MF 50V
C761	0276671	PF 0.047MF 50WV
C762	0244109	CD 4700PF +-10% 50V
C766	0244501	CD 1000PF +-10% 500V
C763	0244505	CD 2200PF +-10% 50V
C764	0253050	EL 100MF 16V
C852B	0244139	CD 1000PF +-10% 50V
C852G	0244139	CD 1000PF +-10% 50V
C852R	0244139	CD 1000PF +-10% 50V
C853B	0244139	CD 1000PF +-10% 50V
C853G	0244139	CD 1000PF +-10% 50V
C853R	0244118	CD 47PF +-10% 50V
C854B	0253050	EL 100MF 16V
C854G	0253050	EL 100MF 16V
C854R	0253050	EL 100MF 16V
C856B	0253480	EL 4.7MF 350V
C856G	0253480	EL 4.7MF 350V
C856R	0253480	EL 4.7MF 350V
C857B	0243425	CD 100PF +-10% 500V
C857G	0243425	CD 100PF +-10% 500V
C857R	0243425	CD 100PF +-10% 500V
C861G	0277017	PF 0.022MF +-10% 50V
C861R	0277017	PF 0.022MF +-10% 50V
C901	0249389	CD 220PF +-10%
C902	0249391	CD 1000PF 600V
C903	0249391	CD 1000PF 600V
C904	0249165	CD 4700PF +-10% 50V
C904	0258071	EL 220MF 200V
C905	0249165	CD 4700PF +-10% 50V
C906	0249165	CD 4700PF +-10% 50V
C906	0249165	CD 4700PF +-10% 50V
C906	0253465	EL 33MF 160V
C909	0259977	EL 820MF DC200WV
C910	0259977	EL 820MF DC200WV
C911	0253467	EL 100MF 200V
C912	0252926	CHEM CON 100MF 10V
C914	0252928	CHEM CON 1000MF 10V
C914	0253461	EL 5.3MF 200V
C915	0252962	EL 10MF 16V
C916	0252928	CHEM CON 100MF 10V
C917	0253461	EL 5.3MF 200V
C918	0252962	EL 10MF 16V
C951	0253073	EL 470MF 25V
C952	0253053	EL 470MF 16V

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SYMBOL NO.	PARTS NO.	DESCRIPTION
⚠ C953	0253050	FI 100mF 16V
⚠ C962	0249392	CD 220PF +-10% AC400V
⚠ C963	0249391	CD 1000PF 400V
⚠ C964	0249392	CD 2200PF +-10% AC400V
⚠ C993	0279718	MP 0.1mF+-10% 125V
C994	0279718	MP 0.1mF+-10% 125V

RESISTORS:

R0001	U1U0069	CF 3.3K OHM +-5% 1/8W
R0004	U114137	CF 150 OHM +-5% 1/4W
R0005	U167107	CF 56K OHM +-5% 1/16W
R0006	U167089	CF 10K OHM +-5% 1/16W
R0007	U167084	CF 10K OHM +-5% 1/16W
R0008	U167081	CF 4.7K OHM +-5% 1/16W
R0009	U167089	CF 10K OHM +-5% 1/16W
R0010	U167081	CF 4.7K OHM +-5% 1/16W
R0011	U1U0065	CF 1K OHM +-5% 1/8W
R0014	U167065	CF 1K OHM +-5% 1/16W
R0015	U167065	CF 1K OHM +-5% 1/16W
R0016	U167065	CF 1K OHM +-5% 1/16W
R0020	U1A7084	CF 5.6K OHM +-5% 1/16W
R0028	U187081	CF 4.7K OHM +-5% 1/16W
R0029	U167073	CF 2.2K OHM +-5% 1/16W
R0030	U167065	CF 1K OHM +-5% 1/16W
R0031	U113732	CF 260 OHM +-5% 1/2W
R0032	U187089	CF 10K OHM +-5% 1/16W
R0033	U187089	CF 10K OHM +-5% 1/16W
R0034	U167089	CF 10K OHM +-5% 1/16W
R0041	U167065	CF 1K OHM +-5% 1/16W
R0042	U167041	CF 100 OHM +-5% 1/16W
R0043	U167041	CF 100 OHM +-5% 1/16W
R0044	U147061	CF 100 OHM +-5% 1/16W
R0045	U167041	CF 100 OHM +-5% 1/16W
R0046	U167063	CF 5.6K OHM +-5% 1/16W
R0047	U167089	CF 10K OHM +-5% 1/16W
R0048	U167093	CF 15K OHM +-5% 1/16W
R0049	U167089	CF 10K OHM +-5% 1/16W
R0050	U167089	CF 10K OHM +-5% 1/16W
R0051	U1U0055	CF 390 OHM +-5% 1/8W
R0052	U167063	CF 820 OHM +-5% 1/16W
R0053	U167089	CF 10K OHM +-5% 1/16W
R0054	U167073	CF 2.2K OHM +-5% 1/16W
R0055	U167101	CF 33K OHM +-5% 1/16W
R0056	U167065	CF 1K OHM +-5% 1/16W
R0058	U167113	CF 100K OHM +-5% 1/16W
R0060	U167049	CF 220 OHM +-5% 1/16W
R0062	U187065	CF 1K OHM +-5% 1/16W
R0110	U1U0065	CF 1K OHM +-5% 1/8W
R0111	U1U0065	CF 1K OHM +-5% 1/8W
R0112	U1U0065	CF 1K OHM +-5% 1/8W
R0113	U1U0065	CF 1K OHM +-5% 1/8W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R0117	U1U0065	CF 1K OHM +-5% 1/8W
R0118	U1U0065	CF 1K OHM +-5% 1/8W
R0119	U1U0065	CF 1K OHM +-5% 1/8W
R0120	U1U0065	CF 1K OHM +-5% 1/8W
R0122	U167113	CF 100K OHM +-5% 1/16W
R0123	U167113	CF 100K OHM +-5% 1/16W
R0124	U187113	CF 100K OHM +-5% 1/16W
R0125	U187113	CF 100K OHM +-5% 1/16W
R0126	U167113	CF 100K OHM +-5% 1/16W
R0137	U187083	CF 5.6K OHM +-5% 1/16W
R0138	U167073	CF 2.2K OHM +-5% 1/16W
R0139	U187073	CF 2.2K OHM +-5% 1/16W
R0142	U187089	CF 10K OHM +-5% 1/16W
R0143	U167069	CF 1.5K OHM +-5% 1/16W
R0153	U187107	CF 56K OHM +-5% 1/16W
R0154	U1A7109	CF 68K OHM +-5% 1/16W
R0155	U167093	CF 15K OHM +-5% 1/16W
R0156	U167077	CF 3.3K OHM +-5% 1/16W
R0157	U167099	CF 27K OHM +-5% 1/16W
R0158	U1A7057	CF 470 OHM +-5% 1/16W
R0159	U187065	CF 1K OHM +-5% 1/16W
R0160	U1U0061	CF 680 OHM +-5% 1/8W
R0161	U167077	CF 3.3K OHM +-5% 1/16W
R0162	U1A7107	CF 56K OHM +-5% 1/16W
R0163	U167089	CF 10K OHM +-5% 1/16W
R0166	U167107	CF 56K OHM +-5% 1/16W
R0167	U167107	CF 56K OHM +-5% 1/16W
R0168	U187097	CF 22K OHM +-5% 1/16W
R0169	U187053	CF 330 OHM +-5% 1/16W
R0170	U1S0036	VR 2K OHM-B RS-8
R0172	U1U0117	CF 150K OHM +-5% 1/8W
R0174	U1U0069	CF 1UK OHM +-5% 1/8W
R0175	U167083	CF 5.6K OHM +-5% 1/16W
R0176	U1U0093	CF 15K OHM +-5% 1/8W
R0177	U187083	CF 5.6K OHM +-5% 1/16W
R0178	U1A7065	CF 1K OHM +-5% 1/16W
R0179	U187081	CF 4.7K OHM +-5% 1/16W
R0180	U187089	CF 10K OHM +-5% 1/16W
R0181	U167077	CF 3.3K OHM +-5% 1/16W
R0182	U1A7117	CF 86K OHM +-5% 1/16W
R0187	U187089	CF 10K OHM +-5% 1/16W
R0188	U187097	CF 22K OHM +-5% 1/16W
R0189	U114161	CF 1K OHM +-5% 1/4W
R0190	U1A7089	CF 10K OHM +-5% 1/16W
R0191	U187089	CF 10K OHM +-5% 1/16W
R0192	U187083	CF 5.6K OHM +-5% 1/16W
R0193	U1A7089	CF 10K OHM +-5% 1/16W
R0196	U167077	CF 3.3K OHM +-5% 1/16W
R0197	U167107	CF 56K OHM +-5% 1/16W
R0198	U1U0049	CF 220 OHM +-5% 1/8W
R0199	U1U0082	CF 8.2K OHM +-5% 1/8W
R0201	U167065	CF 1K OHM +-5% 1/16W
R0202	U187107	CF 56K OHM +-5% 1/16W
R0203	U167109	CF 68K OHM +-5% 1/16W
R0211	U187081	CF 4.7K OHM +-5% 1/16W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R0212	U187089	CF 10K OHM +-5% 1/16W
R0213	U187037	CF 68 OHM +-5% 1/16W
R0214	U187077	CF 3.3K OHM +-5% 1/16W
R0215	U1A7077	CF 3.3K OHM +-5% 1/16W
R0216	U187069	CF 1.5K OHM +-5% 1/16W
R0218	U1U0065	CF 1K OHM +-5% 1/8W
R0219	U1U0083	CF 5.6K OHM +-5% 1/8W
R0220	U187081	CF 4.7K OHM +-5% 1/16W
R0221	U187089	CF 10K OHM +-5% 1/16W
R0223	U187113	CF 100K OHM +-5% 1/16W
R0226	U1U0047	CF 160 OHM +-5% 1/8W
R0227	U187069	CF 220 OHM +-5% 1/16W
R0228	U187077	CF 3.3K OHM +-5% 1/16W
R0229	U187077	CF 3.3K OHM +-5% 1/16W
R0230	U187041	CF 100 OHM +-5% 1/16W
R0231	U187041	CF 100 OHM +-5% 1/16W
R0232	U187049	CF 220 OHM +-5% 1/16W
R0401	U187089	CF 10K OHM +-5% 1/16W
R0402	U187081	CF 4.7K OHM +-5% 1/16W
R0403	U187091	CF 15K OHM +-5% 1/16W
R0404	U187089	CF 10K OHM +-5% 1/16W
R0405	U1U0065	CF 1K OHM +-5% 1/8W
R0406	U187097	CF 22K OHM +-5% 1/16W
R0407	U1S0036	VR 10K OHM-B RS-8
R0408	U187059	CF 560 OHM +-5% 1/16W
R0409	U187077	CF 3.3K OHM +-5% 1/16W
R0410	U1S0024	VR 10K OHM-B RS-08
R0411	U187087	CF 8.2K OHM +-5% 1/16W
R0412	U1S0031	VR 500K OHM-B
R0413	U187074	CF 2.4K OHM +-5% 1/16W
R0414	U1S0036	VR 10K OHM-B RS-8
R0417	U119653	FR 82K OHM 1/2W
R0418	U119653	FR 82K OHM 1/2W
R0419	U1S0029	VR 0.313W 200R
R0420	U1S0029	VR 0.313W 200R
R0421	U187113	CF 100K OHM +-5% 1/16W
R0422	U1S0041	VR 100K OHM-B RS-8
R0423	U187089	CF 10K OHM +-5% 1/16W
R0424	U187089	CF 10K OHM +-5% 1/16W
R0425	U187081	CF 4.7K OHM +-5% 1/16W
R0426	U1U0121	CF 220K OHM +-5% 1/8W
R0427	U187051	CF 270 OHM +-5% 1/16W
R0428	U187101	CF 33K OHM +-5% 1/16W
R0429	U187081	CF 4.7K OHM +-5% 1/16W
R0430	U187079	CF 3.9K OHM +-5% 1/16W
R0431	U187061	CF 680 OHM +-5% 1/16W
R0432	U187107	CF 56K OHM +-5% 1/16W
R0433	U187091	CF 12K OHM +-5% 1/16W
R0434	U187085	CF 6.8K OHM +-5% 1/16W
R0436	U187052	CF 300 OHM +-5% 1/16W
R0437	U1S0037	VR 5K OHM-B RS-8
R0438	U187086	CF 7.5K OHM +-5% 1/16W
R0439	U187085	CF 6.8K OHM +-5% 1/16W
R0440	U187054	CF 360 OHM +-5% 1/16W
R0441	U1A7101	CF 33K OHM +-5% 1/16W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R0442	U187067	CF 1.2K OHM +-5% 1/16W
R0443	U179619	MG 560K OHM +-1% 1/8W
R0443	U187097	CF 22K OHM +-5% 1/16W
R0445	U1A7071	CF 1.8K OHM +-5% 1/16W
R0446	U114142	CF 470 OHM +-5% 1/4W
R0448	U1U0055	CF 390 OHM +-5% 1/8W
R0449	U1U0055	CF 390 OHM +-5% 1/8W
R0450	U187081	CF 4.7K OHM +-5% 1/16W
R0453	U1U0065	CF 1K OHM +-5% 1/8W
R0454	U1U0077	CF 3.3K OHM +-5% 1/8W
R0455	U187059	CF 560 OHM +-5% 1/16W
R071	U187038	CF 75 OHM +-5% 1/16W
R072	U187017	CF 10 OHM +-5% 1/16W
R073	U187077	CF 3.3K OHM +-5% 1/16W
R074	U1A7067	CF 1.2K OHM +-5% 1/16W
R075	U187025	CF 22 OHM +-5% 1/16W
R076	U187065	CF 150 OHM +-5% 1/16W
R077	U1U0069	CF 220 OHM +-5% 1/8W
R1301	U1U0069	CF 10K OHM +-5% 1/8W
R1302	U114163	CF 1.2K OHM +-5% 1/4W
R1303	U114163	CF 1.2K OHM +-5% 1/4W
R1304	U1U0087	CF 8.2K OHM +-5% 1/8W
R1305	U114133	CF 120 OHM +-5% 1/4W
R1306	U113760	CF 2.7K OHM +-5% 1/2W
R1307	U113864	CF 2.2 OHM +-5% 1/2W
R1308	U113864	CF 2.2 OHM +-5% 1/2W
R1309	U113742	CF 470 OHM +-5% 1/2W
R1310	U110103	MF 18 OHM +-5% 1W
R1311	U1U0069	CF 10K OHM +-5% 1/8W
R1312	U1U0089	CF 10K OHM +-5% 1/8W
R1314	U114163	CF 1.2K OHM +-5% 1/4W
R1314	U114163	CF 1.2K OHM +-5% 1/4W
R1315	U1U0087	CF 8.2K OHM +-5% 1/8W
R1316	U114133	CF 120 OHM +-5% 1/4W
R1317	U113763	CF 2.7K OHM +-5% 1/2W
R1318	U113864	CF 2.2 OHM +-5% 1/2W
R1319	U113864	CF 2.2 OHM +-5% 1/2W
R1320	U113742	CF 470 OHM +-5% 1/2W
R1321	U110103	MF 18 OHM +-5% 1W
R1322	U1U0069	CF 10K OHM +-5% 1/8W
R1323	U1U0089	CF 10K OHM +-5% 1/8W
R1324	U114163	CF 1.2K OHM +-5% 1/4W
R1325	U114163	CF 1.2K OHM +-5% 1/4W
R1326	U1U0087	CF 8.2K OHM +-5% 1/8W
R1327	U114133	CF 120 OHM +-5% 1/4W
R1328	U113760	CF 2.7K OHM +-5% 1/2W
R1329	U113864	CF 2.2 OHM +-5% 1/2W
R1330	U113763	CF 2.7K OHM +-5% 1/2W
R1331	U110103	MF 18 OHM +-5% 1W
R1333	U1U0089	CF 10K OHM +-5% 1/8W
R1334	U1U0089	CF 10K OHM +-5% 1/8W
R1335	U114163	CF 1.2K OHM +-5% 1/4W
R1336	U114163	CF 1.2K OHM +-5% 1/4W
R1337	U1U0087	CF 8.2K OHM +-5% 1/8W

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SYMBOL NO.	PARTS NO.	DESCRIPTION
R1338	U114133	CF 120 OHM +-5% 1/4W
R1339	U113760	CF 2.7K OHM +-5% 1/2W
R1340	U113684	CF 2.2 OHM +-5% 1/2W
R1341	U113864	CF 2.2 OHM +-5% 1/2W
R1342	U113742	CF 470 OHM +-5% 1/2W
R1343	U110101	MF 15 OHM +-5% 1W
R1344	U1U0089	CF 10K OHM +-5% 1/8W
R1345	U1U0089	CF 10K OHM +-5% 1/8W
R1346	U114163	CF 1.2K OHM +-5% 1/4W
R1347	U114163	CF 1.2K OHM +-5% 1/4W
R1348	U1U0087	CF 8.2K OHM +-5% 1/8W
R1349	U114133	CF 120 OHM +-5% 1/4W
R1350	U113760	CF 2.7K OHM +-5% 1/2W
R1351	U113684	CF 2.2 OHM +-5% 1/2W
R1352	U113684	CF 2.2 OHM +-5% 1/2W
R1353	U113742	CF 470 OHM +-5% 1/2W
R1354	U110103	MF 18 OHM +-5% 1W
R1355	U1U0089	CF 10K OHM +-5% 1/8W
R1356	U1U0089	CF 10K OHM +-5% 1/8W
R1357	U114163	CF 1.2K OHM +-5% 1/4W
R1358	U114163	CF 1.2K OHM +-5% 1/4W
R1359	U1U0087	CF 8.2K OHM +-5% 1/8W
R1360	U114133	CF 120 OHM +-5% 1/4W
R1361	U113760	CF 2.7K OHM +-5% 1/2W
R1362	U113684	CF 2.2 OHM +-5% 1/2W
R1363	U113684	CF 2.2 OHM +-5% 1/2W
R1364	U113742	CF 470 OHM +-5% 1/2W
R1365	U110103	MF 18 OHM +-5% 1W
R1366	U1U0089	CF 10K OHM +-5% 1/8W
R1367	U110103	MF 18 OHM +-5% 1W
R1368	U110101	MF 15 OHM +-5% 1W
R1369	U110103	MF 18 OHM +-5% 1W
R1370	U110101	MF 15 OHM +-5% 1W
R1371	U110103	MF 18 OHM +-5% 1W
R1372	U110103	MF 18 OHM +-5% 1W
R1373	U187105	CF 47K OHM +-5% 1/16W
R1374	U187105	CF 47K OHM +-5% 1/16W
R1375	U187105	CF 47K OHM +-5% 1/16W
R1376	U187105	CF 47K OHM +-5% 1/16W
R1377	U187105	CF 47K OHM +-5% 1/16W
R1378	U187105	CF 47K OHM +-5% 1/16W
R1379	U187101	CF 33K OHM +-5% 1/16W
R1381	U114177	CF 4.7K OHM +-5% 1/4W
R1382	U114177	CF 4.7K OHM +-5% 1/4W
R1383	U114167	CF 1.8K OHM +-5% 1/4W
R1384	U114161	CF 1.2K OHM +-5% 1/4W
R1385	U114165	CF 1.5K OHM +-5% 1/4W
R1386	U110329	MF 220 OHM +-5% 3W
R1387	U114169	CF 2.2K OHM +-5% 1/4W
R1388	U114175	CF 5.9K OHM +-5% 1/4W
R1389	U151209	VR 2K OHM-B RS-10
R1390	U114201	CF 10K OHM +-5% 1/4W
R1391	U110323	MF 120 OHM +-5% 3W
R1392	U114151	CF 33 OHM +-5% 1/4W
R1393	U114163	CF 1.2K OHM +-5% 1/4W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R1401	U1S0008	VR Y-GANGED
R1402	U187091	CF 12K OHM +-5% 1/16W
R1403	U1U0121	CF 220K OHM +-5% 1/8W
R1404	U187081	CF 4.7K OHM +-5% 1/16W
R1405	U187075	CF 2.7K OHM +-5% 1/16W
R1406	U187099	CF 27K OHM +-5% 1/16W
R1407	U187075	CF 2.7K OHM +-5% 1/16W
R1408	U187075	CF 2.7K OHM +-5% 1/16W
R1409	U187105	CF 47K OHM +-5% 1/16W
R1410	U187071	CF 2.2K OHM +-5% 1/16W
R1411	U187105	CF 47K OHM +-5% 1/16W
R1412	U187103	CF 39K OHM +-5% 1/16W
R1413	U187085	CF 6.8K OHM +-5% 1/16W
R1414	U187081	CF 4.7K OHM +-5% 1/16W
R1415	U1U0065	CF 1K OHM +-5% 1/8W
R1416	U1U0065	CF 1K OHM +-5% 1/8W
R1417	U1U0065	CF 1K OHM +-5% 1/8W
R151	U1U0065	CF 1K OHM +-5% 1/8W
R1601	U1U0065	CF 820 OHM +-5% 1/8W
R1602	U1U0055	CF 390 OHM +-5% 1/8W
R1603	U1U0055	CF 390 OHM +-5% 1/8W
R1604	U1U0055	CF 390 OHM +-5% 1/8W
R1701	U187075	CF 2.7K OHM +-5% 1/16W
R1702	U187113	CF 100K OHM +-5% 1/16W
R1703	U187049	CF 220 OHM +-5% 1/16W
R1704	U1S0037	VR 5K OHM-B RS-8
R1705	U187035	CF 56 OHM +-5% 1/16W
R1706	U187061	CF 680 OHM +-5% 1/16W
R1707	U1U0053	CF 330 OHM +-5% 1/8W
R1708	U1U0065	CF 150 OHM +-5% 1/8W
R1709	U187081	CF 4.7K OHM +-5% 1/16W
R1710	U187091	CF 12K OHM +-5% 1/16W
R1711	U187093	CF 15K OHM +-5% 1/16W
R1712	U187065	CF 1K OHM +-5% 1/16W
R1713	U187105	CF 47K OHM +-5% 1/16W
R1714	U187105	CF 47K OHM +-5% 1/16W
R1715	U187105	CF 47K OHM +-5% 1/16W
R2001	U187097	CF 22K OHM +-5% 1/16W
R2002	U187083	CF 5.6K OHM +-5% 1/16W
R2003	U187073	CF 2.2K OHM +-5% 1/16W
R2004	U1A7053	CF 330 OHM +-5% 1/16W
R2005	U187083	CF 5.6K OHM +-5% 1/16W
R2006	U187057	CF 470 OHM +-5% 1/16W
R2007	U187097	CF 22K OHM +-5% 1/16W
R2008	U187107	CF 56K OHM +-5% 1/16W
R2009	U187065	CF 1K OHM +-5% 1/16W
R2010	U187065	CF 1K OHM +-5% 1/16W
R2011	U1S0040	VR 50K OHM-B RS-8
R2012	U187089	CF 10K OHM +-5% 1/16W
R2013	U187083	CF 5.6K OHM +-5% 1/16W
R2014	U187065	CF 1K OHM +-5% 1/16W
R2015	U187097	CF 22K OHM +-5% 1/16W
R2016	U187107	CF 56K OHM +-5% 1/16W
R2017	U187065	CF 1K OHM +-5% 1/16W
R2018	U187065	CF 1K OHM +-5% 1/16W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R2019	U187093	CF 15K OHM +-5% 1/16W
R2020	U187073	CF 2.2K OHM +-5% 1/16W
R2021	U187073	CF 2.2K OHM +-5% 1/16W
R2022	U187063	CF 820 OHM +-5% 1/16W
R2024	U187089	CF 10K OHM +-5% 1/16W
R2025	U187089	CF 10K OHM +-5% 1/16W
R2026	U187083	CF 5.6K OHM +-5% 1/16W
R2027	U187097	CF 22K OHM +-5% 1/16W
R2028	U187089	CF 10K OHM +-5% 1/16W
R2029	U187097	CF 22K OHM +-5% 1/16W
R2030	U187083	CF 5.6K OHM +-5% 1/16W
R2031	U187065	CF 1K OHM +-5% 1/16W
R2032	U187113	CF 100K OHM +-5% 1/16W
R2033	U187089	CF 10K OHM +-5% 1/16W
R2034	U187065	CF 1K OHM +-5% 1/16W
R2035	U187085	CF 6.8K OHM +-5% 1/16W
R2036	U187083	CF 5.6K OHM +-5% 1/16W
R2037	U187097	CF 22K OHM +-5% 1/16W
R2038	U187083	CF 5.6K OHM +-5% 1/16W
R2039	U187095	CF 18K OHM +-5% 1/16W
R2041	U187083	CF 5.6K OHM +-5% 1/16W
R2042	U187089	CF 1.5K OHM +-5% 1/16W
R2043	U114151	CF 100 OHM +-5% 1/4W
R2046	U187089	CF 10K OHM +-5% 1/16W
R2057	U187065	CF 1K OHM +-5% 1/16W
R2101	U1S0067	VR 5K OHM-B RS-8
R2102	U1S0067	VR 5K OHM-B RS-8
R2103	U1S0067	VR 5K OHM-B RS-8
R2104	U1S0067	VR 5K OHM-B RS-8
R2105	U1S0067	VR 5K OHM-B RS-8
R2106	U1S0067	VR 5K OHM-B RS-8
R2107	U1S0067	VR 5K OHM-B RS-8
R2108	U1S0067	VR 5K OHM-B RS-8
R2109	U1S0067	VR 5K OHM-B RS-8
R2110	U1S0067	VR 5K OHM-B RS-8
⚠ R2111	U1S0067	VR 5K OHM-B RS-8
R2112	U1S0067	VR 5K OHM-B RS-8
R2113	U1S0067	VR 5K OHM-B RS-8
R2114	U1S0067	VR 5K OHM-B RS-8
R2115	U1S0067	VR 5K OHM-B RS-8
R2116	U1S0067	VR 5K OHM-B RS-8
R2117	U1S0067	VR 5K OHM-B RS-8
R2118	U1S0067	VR 5K OHM-B RS-8
R2119	U1S0067	VR 5K OHM-B RS-8
R2120	U1S0067	VR 5K OHM-B RS-8
R2121	U1S0067	VR 5K OHM-B RS-8
R2122	U1S0067	VR 5K OHM-B RS-8
R2123	U1S0067	VR 5K OHM-B RS-8
R2124	U1S0067	VR 5K OHM-B RS-8
R2125	U1S0067	VR 5K OHM-B RS-8
R2126	U1S0067	VR 5K OHM-B RS-8
R2127	U1S0067	VR 5K OHM-B RS-8
R2128	U1S0067	VR 5K OHM-B RS-8
R2129	U1S0067	VR 5K OHM-B RS-8

SYMBOL NO.	PARTS NO.	DESCRIPTION
R2130	U1S0067	VR 5K OHM-B RS-8
R2131	U1S0067	VR 5K OHM-B RS-8
R2132	U1S0067	VR 5K OHM-B RS-8
R2133	U1S0067	VR 5K OHM-B RS-8
R2134	U1S0511	VR 20K OHM-B RV-12
R2135	U1S0511	VR 20K OHM-B RV-12
R2136	U1S0511	VR 20K OHM-B RV-12
R2137	U1S0511	VR 20K OHM-B RV-12
R2138	U1S0067	VR 5K OHM-B RS-8
R2139	U1S0039	VR RS-8 20 KOHM-B
R2140	U1S0039	VR RS-8 20 KOHM-B
R2141	U1S0067	VR 5K OHM-B RS-8
R2142	U1S0067	VR 5K OHM-B RS-8
R2151	U187095	CF 18K OHM +-5% 1/16W
R2152	U187099	CF 27K OHM +-5% 1/16W
R2153	U187067	CF 1.2K OHM +-5% 1/16W
R2154	U187017	CF 10 OHM +-5% 1/16W
R2155	U187041	CF 4.7K OHM +-5% 1/16W
R2156	U187077	CF 3.3K OHM +-5% 1/16W
R2157	U187085	CF 6.8K OHM +-5% 1/16W
R2158	U187077	CF 3.3K OHM +-5% 1/16W
R2159	U187089	CF 10K OHM +-5% 1/16W
R2160	U187065	CF 6.8K OHM +-5% 1/16W
R2161	U1U0127	CF 390K OHM +-5% 1/8W
R2162	U1A7040	CF 4.3K OHM +-5% 1/16W
R2163	U187113	CF 100K OHM +-5% 1/16W
R2164	U114167	CF 1.8K OHM +-5% 1/4W
R2165	U114163	CF 1.2K OHM +-5% 1/4W
R2166	U1A7065	CF 1.0K OHM +-5% 1/16W
R2167	U187089	CF 10K OHM +-5% 1/16W
R2168	U187091	CF 12K OHM +-5% 1/16W
R2175	U187101	CF 33K OHM +-5% 1/16W
R2176	U187101	CF 33K OHM +-5% 1/16W
R2177	U187057	CF 470 OHM +-5% 1/16W
R2178	U187027	CF 3.3K OHM +-5% 1/16W
R2179	U187057	CF 470 OHM +-5% 1/16W
R2180	U187101	CF 33K OHM +-5% 1/16W
R2181	U187101	CF 33K OHM +-5% 1/16W
R2182	U187101	CF 33K OHM +-5% 1/16W
R2183	U187091	CF 12K OHM +-5% 1/16W
R2185	U187081	CF 4.7K OHM +-5% 1/16W
R2187	U187081	CF 4.7K OHM +-5% 1/16W
R2188	U187081	CF 4.7K OHM +-5% 1/16W
R2189	U114177	CF 4.7K OHM +-5% 1/4W
R2190	U114167	CF 1.8K OHM +-5% 1/4W
R2191	U179537	MG 3.9M OHM +-5% 1/8W
R2192	U187091	CF 12K OHM +-5% 1/16W
R2193	U187055	CF 390 OHM +-5% 1/16W
R2194	U187055	CF 390 OHM +-5% 1/16W
R2195	U187091	CF 12K OHM +-5% 1/16W
R2196	U187055	CF 390 OHM +-5% 1/16W
R2197	U187055	CF 390 OHM +-5% 1/16W
R2198	U187091	CF 12K OHM +-5% 1/16W
R2199	U187065	CF 1K OHM +-5% 1/16W
R2200	U114217	CF 47K OHM +-5% 1/4W
R2201	U114169	CF 2.2K OHM +-5% 1/4W
R2202	U114211	CF 27K OHM +-5% 1/4W

PRODUCT SAFETY NOTE: Components marked with a ⚠ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYMBOL NO.	PARTS NO.	DESCRIPTION
R2203	U187069	CF 1.5K OHM +-5% 1/16W
R2204	U187071	CF 1.8K OHM +-5% 1/16W
R2205	U187097	CF 22K OHM +-5% 1/16W
R2206	U187069	CF 1.5K OHM +-5% 1/16W
R2207	U187069	CF 10K OHM +-5% 1/16W
R2208	U187087	CF 8.2K OHM +-5% 1/16W
R2209	U187065	CF 1K OHM +-5% 1/16W
R2210	U187065	CF 1K OHM +-5% 1/16W
R2211	U187081	CF 4.7K OHM +-5% 1/16W
R2212	U187097	CF 22K OHM +-5% 1/16W
R2213	U187097	CF 22K OHM +-5% 1/16W
R2215	U187083	CF 5.6K OHM +-5% 1/16W
R2215	U100127	CF 390K OHM +-5% 1/8W
R2216	U187088	CF 9.1K OHM +-5% 1/16W
R2217	U187085	CF 6.8K OHM +-5% 1/16W
R2218	U187113	CF 100K OHM +-5% 1/16W
R2219	U187089	CF 10K OHM +-5% 1/16W
R2220	U100065	CF 6.8K OHM +-5% 1/8W
R2221	U187089	CF 10K OHM +-5% 1/16W
R2222	U187081	CF 4.7K OHM +-5% 1/16W
R2223	U100121	CF 220K OHM +-5% 1/8W
R2224	U187091	CF 12K OHM +-5% 1/16W
R2225	U187093	CF 15K OHM +-5% 1/16W
R2226	U187093	CF 15K OHM +-5% 1/16W
R2227	U187086	CF 7.5K OHM +-5% 1/16W
R2228	U187093	CF 15K OHM +-5% 1/16W
R2229	U187105	CF 47K OHM +-5% 1/16W
R2230	U187083	CF 5.6K OHM +-5% 1/16W
R2231	U187091	CF 12K OHM +-5% 1/16W
R2232	U187093	CF 15K OHM +-5% 1/16W
R2233	U187085	CF 6.8K OHM +-5% 1/16W
R2234	U187089	CF 10K OHM +-5% 1/16W
R2235	U187093	CF 15K OHM +-5% 1/16W
R2236	U187089	CF 10K OHM +-5% 1/16W
R2237	U187081	CF 4.7K OHM +-5% 1/16W
R2238	U187097	CF 22K OHM +-5% 1/16W
R2239	U187089	CF 10K OHM +-5% 1/16W
R2240	U187096	CF 20K OHM +-5% 1/16W
R2241	U187097	CF 22K OHM +-5% 1/16W
R2242	U187093	CF 15K OHM +-5% 1/16W
R2243	U187081	CF 4.7K OHM +-5% 1/16W
R2244	U187091	CF 12K OHM +-5% 1/16W
R2245	U187089	CF 10K OHM +-5% 1/16W
R2246	U187091	CF 12K OHM +-5% 1/16W
R2247	U187105	CF 47K OHM +-5% 1/16W
R2248	U187103	CF 39K OHM +-5% 1/16W
R2249	U187085	CF 6.8K OHM +-5% 1/16W
R2250	U187113	CF 100K OHM +-5% 1/16W
R2251	U187112	CF 91K OHM +-5% 1/16W
R2252	U187077	CF 5.3K OHM +-5% 1/16W
R2253	U187095	CF 18K OHM +-5% 1/16W
R2254	U187081	CF 4.7K OHM +-5% 1/16W
R2255	U187085	CF 6.8K OHM +-5% 1/16W
R2256	U187081	CF 4.7K OHM +-5% 1/16W
R2257	U187095	CF 18K OHM +-5% 1/16W
R2258	U187085	CF 6.8K OHM +-5% 1/16W
R2259	U187093	CF 15K OHM +-5% 1/16W
R2260	U187089	CF 10K OHM +-5% 1/16W
R2261	U187089	CF 10K OHM +-5% 1/16W
R2262	U187095	CF 18K OHM +-5% 1/16W
R2263	U187086	CF 7.5K OHM +-5% 1/16W
R2264	U187075	CF 2.7K OHM +-5% 1/16W
R2265	U187105	CF 47K OHM +-5% 1/16W
R2266	U187091	CF 12K OHM +-5% 1/16W
R2267	U187093	CF 15K OHM +-5% 1/16W
R2268	U187093	CF 15K OHM +-5% 1/16W
R2269	U187093	CF 15K OHM +-5% 1/16W
R2270	U187097	CF 22K OHM +-5% 1/16W
R2271	U187089	CF 10K OHM +-5% 1/16W
R2272	U187105	CF 47K OHM +-5% 1/16W
R2273	U187082	CF 5.1K OHM +-5% 1/16W
R2274	U187105	CF 47K OHM +-5% 1/16W
R2275	U187093	CF 15K OHM +-5% 1/16W
R2276	U187086	CF 7.5K OHM +-5% 1/16W
R2277	U187093	CF 15K OHM +-5% 1/16W
R2278	U187105	CF 47K OHM +-5% 1/16W
R2279	U187091	CF 12K OHM +-5% 1/16W
R2280	U187085	CF 5.6K OHM +-5% 1/16W
R2281	U187091	CF 12K OHM +-5% 1/16W
R2282	U187085	CF 6.8K OHM +-5% 1/16W
R2283	U187089	CF 10K OHM +-5% 1/16W
R2284	U187093	CF 15K OHM +-5% 1/16W
R2285	U187083	CF 5.6K OHM +-5% 1/16W
R2286	U187089	CF 10K OHM +-5% 1/16W
R2287	U187097	CF 22K OHM +-5% 1/16W
R2288	U187089	CF 10K OHM +-5% 1/16W
R2289	U187096	CF 20K OHM +-5% 1/16W
R2290	U187097	CF 22K OHM +-5% 1/16W
R2291	U187081	CF 4.7K OHM +-5% 1/16W
R2292	U187089	CF 10K OHM +-5% 1/16W
R2293	U187095	CF 18K OHM +-5% 1/16W
R2294	U187089	CF 10K OHM +-5% 1/16W
R2295	U187105	CF 47K OHM +-5% 1/16W
R2296	U187103	CF 39K OHM +-5% 1/16W
R2297	U187085	CF 6.8K OHM +-5% 1/16W
R2298	U187095	CF 18K OHM +-5% 1/16W
R2299	U187081	CF 4.7K OHM +-5% 1/16W
R2300	U187083	CF 5.6K OHM +-5% 1/16W
R2301	U187083	CF 5.6K OHM +-5% 1/16W
R2302	U187095	CF 18K OHM +-5% 1/16W
R2303	U187083	CF 5.6K OHM +-5% 1/16W
R2304	U187091	CF 12K OHM +-5% 1/16W
R2305	U187089	CF 10K OHM +-5% 1/16W
R2306	U187089	CF 10K OHM +-5% 1/16W
R2307	U187113	CF 100K OHM +-5% 1/16W
R2308	U187089	CF 10K OHM +-5% 1/16W
R2309	U187075	CF 2.7K OHM +-5% 1/16W
R2310	U187086	CF 7.5K OHM +-5% 1/16W
R2311	U187112	CF 91K OHM +-5% 1/16W
R2312	U187077	CF 5.3K OHM +-5% 1/16W
R2313	U187091	CF 12K OHM +-5% 1/16W
R2314	U187093	CF 15K OHM +-5% 1/16W
R2315	U187093	CF 15K OHM +-5% 1/16W
R2316	U187097	CF 22K OHM +-5% 1/16W
R2317	U187089	CF 10K OHM +-5% 1/16W
R2318	U187089	CF 10K OHM +-5% 1/16W
R2319	U187093	CF 15K OHM +-5% 1/16W
R2320	U187105	CF 47K OHM +-5% 1/16W
R2321	U187105	CF 47K OHM +-5% 1/16W
R2322	U187105	CF 47K OHM +-5% 1/16W
R2323	U187082	CF 5.1K OHM +-5% 1/16W
R2324	U187089	CF 10K OHM +-5% 1/16W
R2325	U187093	CF 15K OHM +-5% 1/16W
R2326	U187083	CF 5.6K OHM +-5% 1/16W
R2327	U187087	CF 8.2K OHM +-5% 1/16W
R2328	U187083	CF 5.6K OHM +-5% 1/16W
R2329	U187089	CF 10K OHM +-5% 1/16W
R2330	U187067	CF 1.2K OHM +-5% 1/16W
R2331	U187091	CF 12K OHM +-5% 1/16W
R2332	U187097	CF 22K OHM +-5% 1/16W
R2333	U187085	CF 6.8K OHM +-5% 1/16W
R2334	U187085	CF 6.8K OHM +-5% 1/16W
R2335	U187081	CF 4.7K OHM +-5% 1/16W
R2336	U187093	CF 15K OHM +-5% 1/16W
R2337	U187093	CF 15K OHM +-5% 1/16W
R2338	U187093	CF 15K OHM +-5% 1/16W
R2339	U187093	CF 15K OHM +-5% 1/16W
R2340	U187093	CF 15K OHM +-5% 1/16W
R2341	U187093	CF 15K OHM +-5% 1/16W
R2342	U187061	CF 100 OHM +-5% 1/16W
R2343	U187061	CF 100 OHM +-5% 1/16W
R2344	U187041	CF 100 OHM +-5% 1/16W
R2345	U187041	CF 100 OHM +-5% 1/16W
R2346	U187041	CF 100 OHM +-5% 1/16W
R2347	U187041	CF 100 OHM +-5% 1/16W
R2348	U187099	CF 27K OHM +-5% 1/16W
R2349	U187113	CF 100K OHM +-5% 1/16W
R2350	U187098	CF 24K OHM +-5% 1/16W
R2351	U187111	CF 100K OHM +-5% 1/16W
R2352	U187110	CF 75K OHM +-5% SRD1/16P
R2353	U187105	CF 47K OHM +-5% 1/16W
R2354	U187113	CF 100K OHM +-5% 1/16W
R2355	U187113	CF 100K OHM +-5% 1/16W
R2356	U187100	CF 30K OHM +-5% 1/16W
R2357	U187113	CF 100K OHM +-5% 1/16W
R2358	U187111	CF 82K OHM +-5% 1/16W
R2359	U187103	CF 39K OHM +-5% 1/16W
R2360	U187113	CF 100K OHM +-5% 1/16W
R2361	U187096	CF 24K OHM +-5% 1/16W
R2362	U187091	CF 12K OHM +-5% 1/16W
R2363	U187089	CF 10K OHM +-5% 1/16W
R2364	U187085	CF 6.8K OHM +-5% 1/16W

SYMBOL NO.	PARTS NO.	DESCRIPTION
R2370	U187081	CF 4.7K OHM +-5% 1/16W
R2371	U187077	CF 5.3K OHM +-5% 1/16W
R2372	U150087	VR 5K OHM-B RS-A
R2373	U187065	CF 1K OHM +-5% 1/16W
R2374	U187085	CF 6.8K OHM +-5% 1/16W
R2375	U187085	CF 6.8K OHM +-5% 1/16W
R2376	U187089	CF 10K OHM +-5% 1/16W
R2377	U187089	CF 10K OHM +-5% 1/16W
R2381	U100117	CF 150K OHM +-5% 1/8W
R2382	U100133	CF 680K OHM +-5% 1/8W
R2383	U100133	CF 680K OHM +-5% 1/8W
R2385	U187093	CF 15K OHM +-5% 1/16W
R2386	U187097	CF 22K OHM +-5% 1/16W
R2388	U187081	CF 4.7K OHM +-5% 1/16W
R2389	U187064	CF 910 OHM +-5% 1/16W
R2390	U187082	CF 8.2K OHM +-5% 1/16W
R2391	U100125	CF 330K OHM +-5% 1/8W
R2392	U100125	CF 330K OHM +-5% 1/8W
R2393	U187105	CF 47K OHM +-5% 1/16W
R2396	U187095	CF 18K OHM +-5% 1/16W
R2395	U187095	CF 18K OHM +-5% 1/16W
R2396	U187106	CF 51K OHM +-5% 1/16W
R3001	U100038	CF 750HM +-5% 1/8W
R3002	U100061	CF 100 OHM +-5% 1/8W
R3003	U100038	CF 750HM +-5% 1/8W
R3004	U100061	CF 100 OHM +-5% 1/8W
R3005	U187053	CF 330 OHM +-5% 1/16W
R3006	U113733	CF 220 OHM +-5% 1/2W
R3007	U100037	CF 68 OHM +-5% 1/8W
R3008	U100113	CF 100K OHM +-5% 1/8W
R301	U187059	CF 560 OHM +-5% 1/16W
R302	U187059	CF 560 OHM +-5% 1/16W
R303	U187059	CF 560 OHM +-5% 1/16W
R304	U187059	CF 560 OHM +-5% 1/16W
R305	U150036	VR 500 OHM-B RS-A
R306	U187071	CF 1.8K OHM +-5% 1/16W
R307	U187065	CF 1K OHM +-5% 1/16W
R309	U187059	CF 560 OHM +-5% 1/16W
R310	U187063	CF 5.6K OHM +-5% 1/16W
R311	U187039	CF 82 OHM +-5% 1/16W
R312	U187113	CF 100K OHM +-5% 1/16W
R313	U187083	CF 5.6K OHM +-5% 1/16W
R314	U187077	CF 3.3K OHM +-5% 1/16W
R315	U187083	CF 5.6K OHM +-5% 1/16W
R316	U187089	CF 10K OHM +-5% 1/16W
R317	U187077	CF 3.3K OHM +-5% 1/16W
R318	U187056	CF 300 OHM +-5% 1/16W
R319	U187065	CF 1K OHM +-5% 1/16W
R320	U187063	CF 820 OHM +-5% 1/16W
R321	U187065	CF 1K OHM +-5% 1/16W
R323	U187063	CF 120 OHM +-5% 1/16W
R324	U187065	CF 1K OHM +-5% 1/16W
R324	U187066	CF 1.1K OHM +-5% 1/16W
R326	U187065	CF 1K OHM +-5% 1/16W
R328	U187059	CF 560 OHM +-5% 1/16W
R332	U187097	CF 22K OHM +-5% 1/16W

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SYMBOL NO.	PARTS NO.	DESCRIPTION
R333	U187101	CF 33K OHM +-5% 1/16W
R336	U187099	CF 27K OHM +-5% 1/16W
R337	U187076	CF 2.4K OHM +-5% 1/16W
R338	U187095	CF 18K OHM +-5% 1/16W
R342	U187097	CF 22K OHM +-5% 1/16W
R343	U150024	VR 10K OHM-B K-DR
R344	U187097	CF 22K OHM +-5% 1/16W
R345	U187069	CF 220 OHM +-5% 1/16W
R346	U187061	CF 100 OHM +-5% 1/16W
R347	U187068	CF 200 OHM +-5% 1/16W
R349	U113729	CF 150 OHM +-5% 1/2W
R350	U187069	CF 1.5K OHM +-5% 1/16W
R362	U187065	CF 150 OHM +-5% 1/16W
R363	U187097	CF 22K OHM +-5% 1/16W
R366	U187061	CF 100 OHM +-5% 1/16W
R370	U187047	CF 180 OHM +-5% 1/16W
R4001	U100113	CF 100K OHM +-5% 1/8W
R4002	U100065	CF 1K OHM +-5% 1/8W
R4003	U100113	CF 100K OHM +-5% 1/8W
R4004	U100065	CF 1K OHM +-5% 1/8W
R4005	U100113	CF 100K OHM +-5% 1/8W
R4006	U100065	CF 1K OHM +-5% 1/8W
R4007	U100113	CF 100K OHM +-5% 1/8W
R4008	U100065	CF 1K OHM +-5% 1/8W
R4009	U100113	CF 100K OHM +-5% 1/8W
R4010	U100065	CF 1K OHM +-5% 1/8W
R4011	U100113	CF 100K OHM +-5% 1/8W
R4012	U100065	CF 1K OHM +-5% 1/8W
R4013	U187083	CF 5.6K OHM +-5% 1/16W
R4014	U100065	CF 1K OHM +-5% 1/8W
R4015	U187063	CF 5.6K OHM +-5% 1/16W
R4016	U100065	CF 1K OHM +-5% 1/8W
R4017	U100065	CF 1K OHM +-5% 1/8W
R402	U100065	CF 1K OHM +-5% 1/8W
R4020	U187061	CF 100 OHM +-5% 1/16W
⚠ R403	U119516	FR 10 OHM +-5% 1/4W
R404	U100085	CF 6.8K OHM +-5% 1/8W
R405	U187089	CF 10K OHM +-5% 1/16W
R406	U187089	CF 10K OHM +-5% 1/16W
R407	U116162	CF 300 OHM +-5% 1/4W
R408	U116162	CF 300 OHM +-5% 1/4W
⚠ R409	U119505	FR 2.2 OHM +-5% 1/4W
⚠ R410	U119505	FR 2.2 OHM +-5% 1/4W
R411	U100069	CF 220 OHM +-5% 1/8W
R4114	U187041	CF 100 OHM +-5% 1/16W
R412	U100093	CF 15K OHM +-5% 1/8W
R4123	U187065	CF 1K OHM +-5% 1/16W
R4126	U100065	CF 1K OHM +-5% 1/8W
R4127	U100113	CF 100K OHM +-5% 1/8W
R4128	U100113	CF 100K OHM +-5% 1/8W
R4129	U187065	CF 1K OHM +-5% 1/16W
R413	U100083	CF 5.6K OHM +-5% 1/8W
R4130	U187065	CF 1K OHM +-5% 1/16W
R414	U100099	CF 27K OHM +-5% 1/8W
R5113	U110068	MF 3.3K OHM+-5% 2W
R417	U187089	CF 10K OHM +-5% 1/16W
R501	U187065	CF 150 OHM +-5% 1/16W
R502	U187051	CF 270 OHM +-5% 1/16W
R503	U187069	CF 1.5K OHM +-5% 1/16W
R506	U187089	CF 10K OHM +-5% 1/16W
R505	U187089	CF 10K OHM +-5% 1/16W
R517	U100125	CF 330K OHM +-5% 1/8W
R518	U187071	CF 1.8K OHM +-5% 1/16W
R519	U187053	CF 330 OHM +-5% 1/16W
R520	U187053	CF 330 OHM +-5% 1/16W
R521	U187053	CF 330 OHM +-5% 1/16W
R526	U187097	CF 22K OHM +-5% 1/16W
R525	U187079	CF 3.9K OHM +-5% 1/16W
R526	U187081	CF 4.7K OHM +-5% 1/16W
R527	U187081	CF 4.7K OHM +-5% 1/16W
R529	U187089	CF 10K OHM +-5% 1/16W
R530	U187065	CF 1K OHM +-5% 1/16W
R531	U187069	CF 220 OHM +-5% 1/16W
R532	U187069	CF 220 OHM +-5% 1/16W
R534	U100069	CF 220 OHM +-5% 1/8W
R602	U100121	CF 220K OHM +-5% 1/8W
R603	U187061	CF 100 OHM +-5% 1/16W
R604	U187097	CF 22K OHM +-5% 1/16W
R605	U187059	CF 560 OHM +-5% 1/16W
R606	U187089	CF 10K OHM +-5% 1/16W
R607	U187065	CF 150 OHM +-5% 1/16W
R608	U113688	CF 3.3 OHM +-5% 1/2W
R609	U113692	CF 4.7 OHM +-5% 1/2W
R610	U187079	CF 3.9K OHM +-5% 1/16W
R611	U187093	CF 15K OHM +-5% 1/16W
R612	U187093	CF 15K OHM +-5% 1/16W
R613	U100101	CF 33K OHM +-5% 1/8W
R614	U187093	CF 15K OHM +-5% 1/16W
R623	U187065	CF 1K OHM +-5% 1/16W
R626	U187096	CF 24K OHM +-5% 1/16W
R627	U187071	CF 2.2K OHM +-5% 1/16W
R628	U187065	CF 1K OHM +-5% 1/16W
R629	U187053	CF 330 OHM +-5% 1/16W
R630	U187053	CF 330 OHM +-5% 1/16W
R631	U187065	CF 1K OHM +-5% 1/16W
R632	U100061	CF 100 OHM +-5% 1/8W
R634	U187065	CF 1K OHM +-5% 1/16W
R636	U187061	CF 100 OHM +-5% 1/16W
R635	U187065	CF 1K OHM +-5% 1/16W
R637	U187075	CF 2.7K OHM +-5% 1/16W
⚠ R651	U150017	VR 200 OHM-B
R690	U119696	FR 0.51 OHM 1W
R701	U100129	CF 470K OHM +-5% 1/8W
⚠ R701	U141194	WW 100 OHM +-5% 10W
R702	U100061	CF 100 OHM +-5% 1/8W
R702	U187059	CF 560 OHM +-5% 1/16W
R703	U100081	CF 4.7K OHM +-5% 1/8W
R704	U100034	CF 51 OHM +-5% 1/8W
R705	U187073	CF 2.2K OHM +-5% 1/16W
⚠ R705	U137003	CF 1K OHM +-5% 1/4W
R705	U187071	CF 1.8K OHM +-5% 1/16W
R706	U100061	CF 100 OHM +-5% 1/8W
R706	U113697	CF 220K OHM +-5% 1/2W
R707	U110113	MF 47 OHM +-5% 1W
R707	U187051	CF 270 OHM +-5% 1/16W
R708	U100065	CF 1K OHM +-5% 1/8W
⚠ R708	U187075	CF 2.7K OHM +-5% 1/16W
R709	U114163	CF 1.2K OHM +-5% 1/4W
R711	U100061	CF 100 OHM +-5% 1/8W
R712	U110279	MF 27K OHM +-5% 2W
R713	U110279	MF 27K OHM +-5% 2W
R714	U110279	MF 27K OHM +-5% 2W
R715	U110279	MF 27K OHM +-5% 2W
R716	U110279	MF 27K OHM +-5% 2W
R717	U114213	CF 43K OHM +-5% 1/4W
R718	U119505	FR 2.2 OHM +-5% 1/4W
⚠ R720	U119512	MF 1 OHM +-5% 3W
⚠ R721	U119504	FR 0.5 OHM +-5% 1/4W
⚠ R722	U119504	FR 0.5 OHM +-5% 1/4W
⚠ R723	U119504	FR 0.5 OHM +-5% 1/4W
R724	U100083	CF 5.6K OHM +-5% 1/8W
R725	U119638	FR 20K OHM
⚠ R726	U119627	FR 6.6K OHM 1/8W
⚠ R726B	U100119	CF 180K OHM +-5% 1/8W
⚠ R727	U150037	VR 5K OHM-B RS-B
⚠ R728	U119645	FR 3VK OHM
R729	U100061	CF 100 OHM +-5% 1/8W
R730	U100104	CF 43K OHM +-5% 1/8W
R731	U110337	MF 470 OHM +-5% 3W
R732	U100085	CF 6.8K OHM +-5% 1/8W
⚠ R733	U119631	FR 10K OHM +-1%
⚠ R734	U119631	FR 10K OHM +-1%
R735	U110125	MF 150 OHM +-5% 1W
⚠ R736	U100091	CF 12K OHM +-5% 1/8W
R737	U100120	CF 200K OHM +-5% 1/8W
R738	U100089	CF 10K OHM +-5% 1/8W
R739	U100103	CF 39K OHM +-5% 1/8W
R740	U100055	CF 470 OHM +-5% 1/8W
R741	U100081	CF 4.7K OHM +-5% 1/8W
R743	U110169	MF 10K OHM +-5% 1W
R744	U187100	CF 30K OHM +-5% 1/16W
R745	U187105	CF 47K OHM +-5% 1/16W
R746	U187105	CF 47K OHM +-5% 1/16W
R747	U100089	CF 10K OHM +-5% 1/8W
⚠ R747	U113729	CF 150 OHM +-5% 1/2W
R748	U100065	CF 1K OHM +-5% 1/8W
R749	U187113	CF 100K OHM +-5% 1/16W
R750	U187089	CF 10K OHM +-5% 1/16W
R751	U100089	CF 10K OHM +-5% 1/8W
R752	U110171	MF 15K OHM +-5% 1W
R753	U100065	CF 1K OHM +-5% 1/8W
⚠ R755	U119688	FR 0.22 OHM+-5% 1W
⚠ R756	U141194	WW 100 OHM +-5% 10W
R757	U113688	CF 3.3 OHM +-5% 1/2W
R759	U187089	CF 10K OHM +-5% 1/16W
R760	U187065	CF 1K OHM +-5% 1/16W
R761	U100087	CF 8.2K OHM +-5% 1/8W
R762	U100073	CF 2.2K OHM +-5% 1/8W
R763	U100067	CF 1.2K OHM +-5% 1/8W
R764	U100081	CF 4.7K OHM +-5% 1/8W
R765	U100089	CF 10K OHM +-5% 1/8W
R766	U100113	CF 100K OHM +-5% 1/8W
R767	U114131	CF 100 OHM +-5% 1/4W
R768	U114131	CF 100 OHM +-5% 1/4W
R769	U114131	CF 100 OHM +-5% 1/4W
R770	U100123	CF 220K OHM +-5% 1/8W
R771	U100101	CF 33K OHM +-5% 1/8W
⚠ R772	U119696	FR 0.51 OHM 1W
⚠ R773	U119696	FR 0.51 OHM 1W
R774	U110153	MF 2.2K OHM +-5% 1W
R775	U113796	MF 75K OHM +-5% 1/2W
R776	U113796	MF 75K OHM +-5% 1/2W
R777	U100062	CF 110 OHM +-5% 1/8W
R780	U187095	CF 18K OHM +-5% 1/16W
⚠ R784	U179610	MG 240K OHM +-1% 1/8W
⚠ R784D	U179610	MG 240K OHM +-1% 1/8W
R785	U100089	CF 10K OHM +-5% 1/8W
⚠ R786	U119512	MF 1 OHM +-5% 1W
R788	U113684	CF 2.2 OHM +-5% 1/2W
R789	U110231	MF 270 OHM +-5% 2W
R790	U113735	CF 220 OHM +-5% 1/2W
R794	U110261	MF 4.7K OHM +-5% 2W
⚠ R795	U100089	CF 10K OHM +-5% 1/8W
⚠ R797	U119638	FR 20K OHM
R798	U187113	CF 100K OHM +-5% 1/16W
R799	U100069	CF 1.5K OHM +-5% 1/8W
R800	U114049	CF 22 OHM +-5% 1/4W
⚠ R801	U141195	WW 330 OHM +-5% 10W
⚠ R803	U141123	CEMENT RESISTOR 33 OHM +-5% 2W
R8518	U100049	CF 220 OHM +-5% 1/8W
R8519	U100049	CF 220 OHM +-5% 1/8W
R8518	U100049	CF 220 OHM +-5% 1/8W
R8534	U100033	CF 47 OHM +-5% 1/8W
R8536	U100033	CF 47 OHM +-5% 1/8W
R8538	U100063	CF 120 OHM +-5% 1/8W
R8548	U110375	MF 10K OHM +-5% 3W
R8546	U110375	MF 10K OHM +-5% 3W
R8548	U110375	MF 10K OHM +-5% 3W
R8550	U113744	CF 560 OHM +-5% 1/2W
R8556	U113744	CF 560 OHM +-5% 1/2W
R8558	U113744	CF 560 OHM +-5% 1/2W
R8560	U100043	CF 120 OHM +-5% 1/8W
R8568	U100043	CF 120 OHM +-5% 1/8W
R8578	U100059	CF 560 OHM +-5% 1/8W
R8578	U100063	CF 820 OHM +-5% 1/8W
R858B	U100065	CF 6.8K OHM +-5% 1/8W

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SYMBOL NO.	PARTS NO.	DESCRIPTION
R858G	U100085	CF 6.8K OHM +-5% 1/8W
R858R	U100085	CF 6.8K OHM +-5% 1/8W
R859B	U100079	CF 3.9K OHM +-5% 1/8W
R859G	U100079	CF 3.9K OHM +-5% 1/8W
R859R	U100079	CF 3.9K OHM +-5% 1/8W
R860B	U179534	MG 470K OHM +-5% 1/2W
R860G	U179534	MG 470K OHM +-5% 1/2W
R860R	U179534	MG 470K OHM +-5% 1/2W
⚠ R920	U119660	FR 0.75 OHM +-5% 1W
⚠ R921	U114201	CF 10K OHM +-5% 1/4W
⚠ R922	U114211	CF 27K OHM +-5% 1/4W
⚠ R923	U114217	CF 47K OHM +-5% 1/4W
⚠ R931	U141161	WW 220 OHM +-5% 16W
⚠ R932	U141161	WW 220 OHM +-5% 16W
⚠ R933	U141161	WW 220 OHM +-5% 16W
⚠ R934	U141167	WW 4.7 OHM +-10% 7W

SYMBOL NO.	PARTS NO.	DESCRIPTION
Q0106	2320637	TR 2SA673C/D
Q0107	2320598	TR 2SC458B/C/D
Q0108	2320598	TR 2SC458B/C/D
Q0109	2320598	TR 2SC458B/C/D
Q0110	2320598	TR 2SC458B/C/D
Q0111	2320598	TR 2SC458B/C/D
Q0112	2320637	TR 2SA673C/D
Q0113	2320637	TR 2SA673C/D

SYMBOL NO.	PARTS NO.	DESCRIPTION
R151	2363521	TR 2SD789(B/C)
Q1101	2320598	TR 2SC458B/C/D
Q1102	2320598	TR 2SC458B/C/D
Q1103	2320598	TR 2SC458B/C/D
Q2001	2320591	TR 2SC458B/C
Q2002	2320591	TR 2SC458B/C
Q2003	2320591	TR 2SC458B/C
Q2004	2320591	TR 2SC458B/C

SYMBOL NO.	PARTS NO.	DESCRIPTION
R4239	U187089	CF 10K OHM +-5% 1/16W
R4240	U187096	CF 20K OHM +-5% 1/16W
R4241	U187097	CF 22K OHM +-5% 1/16W
R4242	U187093	CF 15K OHM +-5% 1/16W
R4243	U187081	CF 4.7K OHM +-5% 1/16W
R4244	U187091	CF 12K OHM +-5% 1/16W
R4245	U187089	CF 10K OHM +-5% 1/16W
R4246	U187091	CF 12K OHM +-5% 1/16W
R4247	U187105	CF 47K OHM +-5% 1/16W
R4248	U187103	CF 39K OHM +-5% 1/16W
R4249	U187085	CF 6.8K OHM +-5% 1/16W
R4250	U187113	CF 100K OHM +-5% 1/16W
R4251	U187112	CF 91K OHM +-5% 1/16W
R4252	U187077	CF 3.3K OHM +-5% 1/16W
R4253	U187095	CF 18K OHM +-5% 1/16W
R2254	U187081	CF 4.7K OHM +-5% 1/16W
R2255	U187085	CF 6.8K OHM +-5% 1/16W
R4256	U187081	CF 4.7K OHM +-5% 1/16W
R4257	U187095	CF 18K OHM +-5% 1/16W
R2296	U187089	CF 10K OHM +-5% 1/16W
R2295	U187105	CF 47K OHM +-5% 1/16W
R2296	U187101	CF 39K OHM +-5% 1/16W
R2297	U187085	CF 6.8K OHM +-5% 1/16W
R2298	U187095	CF 18K OHM +-5% 1/16W
R2299	U187081	CF 4.7K OHM +-5% 1/16W
R2300	U187083	CF 5.6K OHM +-5% 1/16W
R2301	U187083	CF 5.6K OHM +-5% 1/16W
R2302	U187095	CF 18K OHM +-5% 1/16W
R2303	U187083	CF 5.6K OHM +-5% 1/16W
R2304	U187091	CF 12K OHM +-5% 1/16W
R2305	U187089	CF 10K OHM +-5% 1/16W
R2306	U187089	CF 10K OHM +-5% 1/16W
R2307	U187113	CF 100K OHM +-5% 1/16W
R2308	U187095	CF 18K OHM +-5% 1/16W
R2309	U187075	CF 2.7K OHM +-5% 1/16W
R2310	U187086	CF 7.5K OHM +-5% 1/16W
R2311	U187112	CF 91K OHM +-5% 1/16W
R2312	U187077	CF 3.3K OHM +-5% 1/16W
R2313	U187113	CF 100K OHM +-5% 1/16W
R2314	U187112	CF 91K OHM +-5% 1/16W
R2315	U187113	CF 100K OHM +-5% 1/16W
R2316	U187113	CF 100K OHM +-5% 1/16W
R2317	U187113	CF 100K OHM +-5% 1/16W
R2318	U187113	CF 100K OHM +-5% 1/16W
R2319	U187113	CF 100K OHM +-5% 1/16W
R2320	U187100	CF 30K OHM +-5% 1/16W
R2321	U187113	CF 100K OHM +-5% 1/16W
R2322	U187113	CF 100K OHM +-5% 1/16W
R2323	U187111	CF 82K OHM +-5% 1/16W
R2324	U187103	CF 39K OHM +-5% 1/16W
R2325	U187113	CF 100K OHM +-5% 1/16W
R2326	U187093	CF 15K OHM +-5% 1/16W
R2327	U187085	CF 6.8K OHM +-5% 1/16W
R2328	U187089	CF 10K OHM +-5% 1/16W
R2329	U187091	CF 12K OHM +-5% 1/16W
R2330	U187113	CF 100K OHM +-5% 1/16W
R2331	U187112	CF 91K OHM +-5% 1/16W
R2332	U187077	CF 3.3K OHM +-5% 1/16W
R2333	U187101	CF 33K OHM +-5% 1/16W
R2334	U187099	CF 27K OHM +-5% 1/16W
R2335	U187113	CF 100K OHM +-5% 1/16W
R2336	U187111	CF 82K OHM +-5% 1/16W
R2337	U187110	CF 75K OHM +-5% SRD1/16P
R2338	U187105	CF 47K OHM +-5% 1/16W
R2339	U187113	CF 100K OHM +-5% 1/16W
R2340	U187113	CF 100K OHM +-5% 1/16W
R2341	U187113	CF 100K OHM +-5% 1/16W
R2342	U187113	CF 100K OHM +-5% 1/16W
R2343	U187113	CF 100K OHM +-5% 1/16W
R2344	U187103	CF 39K OHM +-5% 1/16W
R2345	U187113	CF 100K OHM +-5% 1/16W
R2346	U187091	CF 12K OHM +-5% 1/16W
R2347	U187093	CF 15K OHM +-5% 1/16W
R2348	U187089	CF 10K OHM +-5% 1/16W
R2349	U187093	CF 15K OHM +-5% 1/16W
R2350	U187089	CF 10K OHM +-5% 1/16W
R2351	U187113	CF 100K OHM +-5% 1/16W
R2352	U187110	CF 75K OHM +-5% SRD1/16P
R2353	U187105	CF 47K OHM +-5% 1/16W
R2354	U187113	CF 100K OHM +-5% 1/16W
R2355	U187113	CF 100K OHM +-5% 1/16W
R2356	U187100	CF 30K OHM +-5% 1/16W
R2357	U187113	CF 100K OHM +-5% 1/16W
R2358	U187111	CF 82K OHM +-5% 1/16W
R2359	U187103	CF 39K OHM +-5% 1/16W
R2360	U187113	CF 100K OHM +-5% 1/16W
R2361	U187098	CF 24K OHM +-5% 1/16W
R2362	U187091	CF 12K OHM +-5% 1/16W
R2363	U187093	CF 15K OHM +-5% 1/16W
R2364	U187089	CF 10K OHM +-5% 1/16W
R2365	U187093	CF 15K OHM +-5% 1/16W
R2366	U187089	CF 10K OHM +-5% 1/16W
R2369	U187085	CF 6.8K OHM +-5% 1/16W
R3101	U187059	CF 560 OHM +-5% 1/16W
R3102	U187061	CF 5.6K OHM +-5% 1/16W
R3111	U187039	CF 82 OHM +-5% 1/16W
R3116	U187113	CF 100K OHM +-5% 1/16W
R3113	U187085	CF 6.8K OHM +-5% 1/16W
R3116	U187069	CF 1.5K OHM +-5% 1/16W
R3115	U187083	CF 5.6K OHM +-5% 1/16W
R3116	U187089	CF 10K OHM +-5% 1/16W
R3117	U187077	CF 3.3K OHM +-5% 1/16W
R3118	U187056	CF 560 OHM +-5% 1/16W
R3119	U187065	CF 1K OHM +-5% 1/16W
R3120	U187063	CF 820 OHM +-5% 1/16W
R3121	U187065	CF 1K OHM +-5% 1/16W
R3122	U187063	CF 1.2K OHM +-5% 1/16W
R3123	U187065	CF 1K OHM +-5% 1/16W
R3124	U187066	CF 1.1K OHM +-5% 1/16W
R3126	U187065	CF 1K OHM +-5% 1/16W
R3128	U187059	CF 560 OHM +-5% 1/16W
R3132	U187097	CF 22K OHM +-5% 1/16W

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SYMBOL NO.	PARTS NO.	DESCRIPTION
R333	U187101	CF 33K OHM +-5% 1/16W
R336	U187099	CF 27K OHM +-5% 1/16W
R337	U187074	CF 2.4K OHM +-5% 1/16W
R338	U187095	CF 18K OHM +-5% 1/16W
R342	U187097	CF 22K OHM +-5% 1/16W
R343	U135026	VR 10K OHM-H W=D8
R344	U187097	CF 22K OHM +-5% 1/16W
R345	U187069	CF 220 OHM +-5% 1/16W
R346	U187061	CF 100 OHM +-5% 1/16W
R347	U187068	CF 200 OHM +-5% 1/16W
R349	U113729	CF 150 OHM +-5% 1/2W
R350	U187069	CF 1.5K OHM +-5% 1/16W
R362	U187065	CF 150 OHM +-5% 1/16W
R363	U187097	CF 22K OHM +-5% 1/16W
R366	U187061	CF 100 OHM +-5% 1/16W
R370	U187067	CF 180 OHM +-5% 1/16W
R4001	U100113	CF 100K OHM +-5% 1/8W
R4002	U100085	CF 1K OHM +-5% 1/8W
R4003	U100113	CF 100K OHM +-5% 1/8W
R4004	U100065	CF 1K OHM +-5% 1/8W
R4005	U100113	CF 100K OHM +-5% 1/8W
R4006	U100085	CF 1K OHM +-5% 1/8W
R4007	U100113	CF 100K OHM +-5% 1/8W
R4008	U100065	CF 1K OHM +-5% 1/8W
R4009	U100113	CF 100K OHM +-5% 1/8W
R4010	U100085	CF 1K OHM +-5% 1/8W
R4011	U100113	CF 100K OHM +-5% 1/8W
R4012	U100065	CF 1K OHM +-5% 1/8W
R4013	U187083	CF 5.6K OHM +-5% 1/16W
R4014	U100065	CF 1K OHM +-5% 1/8W
R4015	U187083	CF 5.6K OHM +-5% 1/16W
R4016	U100065	CF 1K OHM +-5% 1/8W
R4017	U100065	CF 1K OHM +-5% 1/8W
R402	U100065	CF 1K OHM +-5% 1/8W
R4020	U187041	CF 100 OHM +-5% 1/16W
R4021	U119516	FR 10 OHM +-5% 1/4W
R404	U100085	CF 6.8K OHM +-5% 1/8W
R405	U187089	CF 10K OHM +-5% 1/16W
R406	U187089	CF 10K OHM +-5% 1/16W
R407	U114142	CF 500 OHM +-5% 1/4W
R408	U114142	CF 500 OHM +-5% 1/4W
R409	U119505	FR 2.2 OHM +-5% 1/4W
R410	U119505	FR 2.2 OHM +-5% 1/4W
R411	U100049	CF 220 OHM +-5% 1/8W
R4114	U187041	CF 100 OHM +-5% 1/16W
R412	U100093	CF 15K OHM +-5% 1/8W
R4123	U187065	CF 1K OHM +-5% 1/16W
R4126	U100085	CF 1K OHM +-5% 1/8W
R4127	U100113	CF 100K OHM +-5% 1/8W
R4128	U100113	CF 100K OHM +-5% 1/8W
R4129	U187065	CF 1K OHM +-5% 1/16W
R413	U100083	CF 5.6K OHM +-5% 1/8W
R4130	U187065	CF 1K OHM +-5% 1/16W
R414	U100099	CF 27K OHM +-5% 1/8W
R415	U110248	MF 1.3K OHM+-5% 2W
R417	U187089	CF 10K OHM +-5% 1/16W
R501	U187065	CF 150 OHM +-5% 1/16W
R502	U187051	CF 270 OHM +-5% 1/16W
R503	U187069	CF 1.5K OHM +-5% 1/16W
R504	U187089	CF 10K OHM +-5% 1/16W
R505	U187069	CF 1.5K OHM +-5% 1/16W
R517	U100125	CF 330K OHM +-5% 1/8W
R518	U187071	CF 1.8K OHM +-5% 1/16W
R519	U187053	CF 330 OHM +-5% 1/16W
R520	U187053	CF 330 OHM +-5% 1/16W
R521	U187053	CF 330 OHM +-5% 1/16W
R524	U187097	CF 22K OHM +-5% 1/16W
R525	U187079	CF 3.9K OHM +-5% 1/16W
R526	U187081	CF 4.7K OHM +-5% 1/16W
R527	U187081	CF 4.7K OHM +-5% 1/16W
R529	U187089	CF 10K OHM +-5% 1/16W
R530	U187065	CF 1K OHM +-5% 1/16W
R531	U187069	CF 220 OHM +-5% 1/16W
R532	U187069	CF 220 OHM +-5% 1/16W
R533	U100069	CF 220 OHM +-5% 1/8W
R602	U100121	CF 220K OHM +-5% 1/8W
R603	U187041	CF 100 OHM +-5% 1/16W
R604	U187097	CF 22K OHM +-5% 1/16W
R605	U187029	CF 33 OHM +-5% 1/16W
R606	U187089	CF 10K OHM +-5% 1/16W
R607	U187045	CF 150 OHM +-5% 1/16W
R608	U113688	CF 3.3 OHM +-5% 1/2W
R609	U113692	CF 6.7 OHM +-5% 1/2W
R610	U187079	CF 3.9K OHM +-5% 1/16W
R611	U187093	CF 15K OHM +-5% 1/16W
R612	U187093	CF 15K OHM +-5% 1/16W
R613	U100101	CF 33K OHM +-5% 1/8W
R614	U187093	CF 15K OHM +-5% 1/16W
R623	U187065	CF 1K OHM +-5% 1/16W
R626	U187098	CF 24K OHM +-5% 1/16W
R627	U187071	CF 2.2K OHM +-5% 1/16W
R628	U187065	CF 1K OHM +-5% 1/16W
R629	U187053	CF 330 OHM +-5% 1/16W
R629	U187053	CF 330 OHM +-5% 1/16W
R630	U187081	CF 4.7K OHM +-5% 1/16W
R631	U187065	CF 1K OHM +-5% 1/16W
R632	U100061	CF 100 OHM +-5% 1/8W
R634	U187065	CF 1K OHM +-5% 1/16W
R636	U187061	CF 100 OHM +-5% 1/16W
R639	U187065	CF 1K OHM +-5% 1/16W
R637	U187075	CF 2.7K OHM +-5% 1/16W
R651	U150017	VR 200 OHM-B
R690	U119684	FR 0.51 OHM 1W
R701	U100129	CF 470K OHM +-5% 1/8W
R701	U141194	WW 100 OHM +-5% 10W
R702	U100061	CF 100 OHM +-5% 1/8W
R702	U187059	CF 560 OHM +-5% 1/16W
R703	U100081	CF 4.7K OHM +-5% 1/8W
R704	U100034	CF 51 OHM +-5% 1/8W
R705	U187071	CF 1.8K OHM +-5% 1/16W
R706	U100041	CF 100 OHM +-5% 1/8W
R708	U113807	CF 220K OHM +-5% 1/2W
R707	U110113	MF 47 OHM +-5% 1W
R707	U187051	CF 270 OHM +-5% 1/16W
R708	U100065	CF 1K OHM +-5% 1/8W
R708	U187075	CF 2.7K OHM +-5% 1/16W
R709	U114163	CF 3.2K OHM +-5% 1/4W
R711	U100041	CF 100 OHM +-5% 1/8W
R712	U110279	MF 27K OHM +-5% 2W
R713	U110279	MF 27K OHM +-5% 2W
R714	U110279	MF 27K OHM +-5% 2W
R715	U110279	MF 27K OHM +-5% 2W
R716	U110279	MF 27K OHM +-5% 2W
R717	U114213	CF 33K OHM +-5% 1/6W
R718	U119505	FR 2.2 OHM +-5% 1/4W
R720	U119512	MF 1 OHM +-5% 1W
R721	U119504	FR 0.5 OHM +-5% 1/4W
R722	U119504	FR 0.5 OHM +-5% 1/4W
R723	U119504	FR 0.5 OHM +-5% 1/4W
R724	U100083	CF 5.6K OHM +-5% 1/8W
R725	U119636	FR 20K OHM
R726	U119627	FR 6.4K OHM 1/8W
R726D	U100119	CF 180K OHM +-5% 1/8W
R727	U150037	VR 5K OHM-B KS-8
R728	U119645	FR 3MK OHM
R729	U100041	CF 100 OHM +-5% 1/8W
R730	U100104	CF 43K OHM +-5% 1/8W
R731	U110337	MF 470 OHM +-5% 5W
R733	U119631	FR 10K OHM +-1%
R734	U119631	FR 10K OHM +-1%
R735	U110125	MF 150 OHM +-5% 1W
R736	U100091	CF 12K OHM +-5% 1/8W
R737	U100120	CF 200K OHM +-5% 1/8W
R738	U100069	CF 10K OHM +-5% 1/8W
R739	U100103	CF 39K OHM +-5% 1/8W
R740	U100055	CF 390 OHM +-5% 1/8W
R741	U100083	CF 4.7K OHM +-5% 1/8W
R743	U110169	MF 10K OHM +-5% 1W
R744	U187100	CF 30K OHM +-5% 1/16W
R745	U187105	CF 47K OHM +-5% 1/16W
R746	U187105	CF 47K OHM +-5% 1/16W
R747	U100089	CF 10K OHM +-5% 1/8W
R747	U113729	CF 150 OHM +-5% 1/2W
R748	U100065	CF 1K OHM +-5% 1/8W
R749	U187113	CF 100K OHM +-5% 1/16W
R750	U187089	CF 10K OHM +-5% 1/16W
R751	U100069	CF 10K OHM +-5% 1/8W
R752	U110124	MF 15K OHM +-5% 1W
R753	U100065	CF 1K OHM +-5% 1/8W
R755	U119688	FR 0.22 OHM+-5% 1W
R756	U141194	WW 100 OHM +-5% 10W
R757	U113788	CF 30K OHM+-5% 1/2W
R759	U187089	CF 10K OHM +-5% 1/16W
R760	U187065	CF 1K OHM +-5% 1/16W
R761	U100087	CF 8.2K OHM +-5% 1/8W
R762	U100073	CF 2.2K OHM +-5% 1/8W
R763	U100067	CF 1.2K OHM +-5% 1/8W
R764	U100081	CF 4.7K OHM +-5% 1/8W
R765	U100089	CF 10K OHM +-5% 1/8W
R766	U100113	CF 100K OHM +-5% 1/8W
R767	U114131	CF 100 OHM +-5% 1/4W
R768	U114131	CF 100 OHM +-5% 1/4W
R769	U114131	CF 100 OHM +-5% 1/4W
R770	U100121	CF 220K OHM +-5% 1/8W
R771	U100101	CF 33K OHM +-5% 1/8W
R772	U119696	FR 0.51 OHM 1W
R773	U119696	FR 0.51 OHM 1W
R774	U110153	MF 2.2K OHM +-5% 1W
R775	U113796	MF 75K OHM +-5% 1/2W
R776	U113796	MF 75K OHM +-5% 1/2W
R777	U100042	CF 110 OHM +-5% 1/8W
R780	U187095	CF 18K OHM +-5% 1/16W
R784	U179610	MG 240K OHM +-1% 1/8W
R784B	U179610	MG 240K OHM +-1% 1/8W
R785	U100089	CF 10K OHM +-5% 1/8W
R786	U119512	MF 1 OHM +-5% 1W
R788	U113684	CF 2.2 OHM +-5% 1/2W
R789	U110251	MF 270 OHM +-5% 2W
R790	U113735	CF 270 OHM +-5% 1/2W
R794	U110261	MF 4.7K OHM +-5% 2W
R795	U100089	CF 10K OHM +-5% 1/8W
R797	U119636	FR 20K OHM
R798	U187113	CF 100K OHM +-5% 1/16W
R799	U100069	CF 1.5K OHM +-5% 1/8W
R800	U114049	CF 22 OHM +-5% 1/4W
R801	U141195	WW 330 OHM +-5% 10W
R803	U141123	CEMENT RESISTOR 33 OHM +-5% 2W
R8518	U100049	CF 220 OHM +-5% 1/8W
R8516	U100049	CF 220 OHM +-5% 1/8W
R8518	U100049	CF 220 OHM +-5% 1/8W
R8538	U100033	CF 47 OHM +-5% 1/8W
R8538	U100043	CF 120 OHM +-5% 1/8W
R8548	U110375	MF 18K OHM +-5% 3W
R8546	U110375	MF 18K OHM +-5% 3W
R8548	U110375	MF 18K OHM +-5% 3W
R8550	U113744	CF 560 OHM +-5% 1/2W
R8556	U113744	CF 560 OHM +-5% 1/2W
R8558	U113744	CF 560 OHM +-5% 1/2W
R8566	U100043	CF 120 OHM +-5% 1/8W
R8568	U100043	CF 120 OHM +-5% 1/8W
R8578	U100059	CF 560 OHM +-5% 1/8W
R8576	U100059	CF 560 OHM +-5% 1/8W
R8578	U100063	CF 820 OHM +-5% 1/8W
R8586	U100065	CF 1K OHM +-5% 1/8W

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SYMBOL NO.	PARTS NO.	DESCRIPTION
R8536	U100085	CF 6.8K OHM +-5% 1/8W
R8538	U100085	CF 6.8K OHM +-5% 1/8W
R8596	U100079	CF 3.9K OHM +-5% 1/8W
R8596	U100079	CF 3.9K OHM +-5% 1/8W
R8598	U100079	CF 3.9K OHM +-5% 1/8W
R8600	U179534	MG 470K OHM +-5% 1/2W
R8606	U179534	MG 470K OHM +-5% 1/2W
R8608	U179534	MG 470K OHM +-5% 1/2W
R8618	U179534	MG 470K OHM +-5% 1/2W
R8616	U179534	MG 470K OHM +-5% 1/2W
R8618	U179534	MG 470K OHM +-5% 1/2W
R8628	U151035	VR 1M OHM-B
R8626	U151035	VR 1M OHM-B
R8628	U151035	VR 1M OHM-B
R8648	U151534	VR 200 OHM-B
R8646	U100039	CF 82 OHM +-5% 1/8W
R8648	U151534	VR 200 OHM-B
R8658	U100068	CF 1.3K OHM +-5% 1/8W
R8656	U100068	CF 1.3K OHM +-5% 1/8W
R8658	U100068	CF 1.3K OHM +-5% 1/8W
R8668	U100053	CF 330 OHM +-5% 1/8W
R8666	U100053	CF 330 OHM +-5% 1/8W
R8668	U100053	CF 330 OHM +-5% 1/8W
R8678	U110373	MF 15K OHM +-5% 3W
R8676	U110373	MF 15K OHM +-5% 3W
R8678	U110373	MF 15K OHM +-5% 3W
R8688	U100105	CF 47K OHM +-5% 1/8W
R8686	U100105	CF 47K OHM +-5% 1/8W
R8688	U100105	CF 47K OHM +-5% 1/8W
R8698	U151336	VR 1K OHM-B
R8696	U151336	VR 1K OHM-B
R8706	U100061	CF 100 OHM +-5% 1/8W
R8708	U100061	CF 100 OHM +-5% 1/8W
R8718	U100061	CF 100 OHM +-5% 1/8W
R8716	U100061	CF 100 OHM +-5% 1/8W
R8718	U100061	CF 100 OHM +-5% 1/8W
R901	U139015	CC 1M OHM +-10% 1/2W
R902	U139015	CC 1M OHM +-10% 1/2W
R903	U141134	WW 2.7 OHM +-10% 10W
R904	U141193	WW 2.2 OHM +-5% 10W
R905	U141166	WW 1.8 OHM +-10% 16W
R906	U141165	WW 0.82 OHM +-10% 7W
R907	U110366	MF 7.5K OHM +-5% 3W
R908	U110175	MF 1MK OHM +-5% 1W
R909	U196068	WW 1 OHM +-5%
R910	U196068	WW 1 OHM +-5%
R911	U141161	WW 22Ω OHM +-5% 16W
R912	U141141	WW 220 OHM +-5% 16W
R913	U141167	WW 4.7 OHM +-10% 7W
R914	U110161	MF 4.7K OHM +-5% 1W
R915	U139015	CC 1M OHM +-10% 1/2W
R916	U110108	MF 3Ω OHM +-5% 3W
R917	U114161	CF 1K OHM +-5% 1/4W
R918	U114217	CF 47K OHM +-5% 1/4W
R919	U114211	CF 27K OHM +-5% 1/4W
R920	U119640	FR 0.75 OHM +-5% 1W
R921	U114201	CF 10K OHM +-5% 1/4W
R922	U114211	CF 27K OHM +-5% 1/4W
R923	U114217	CF 47K OHM +-5% 1/4W
R931	U141141	WW 220 OHM +-5% 16W
R932	U141161	WW 22Ω OHM +-5% 16W
R933	U141161	WW 22Ω OHM +-5% 16W
R934	U141167	WW 4.7 OHM +-10% 7W
R935	U139015	CC 1M OHM +-10% 1/2W
R936	U119690	FR 0.27 OHM+-5% 1W
R938	U114161	CF 1K OHM +-5% 1/4W
R939	U114211	CF 27K OHM +-5% 1/4W
R940	U114217	CF 47K OHM +-5% 1/4W
R951	U119516	FR 10 OHM +-5% 1/4W
R952	U100073	CF 2.2K OHM +-5% 1/8W
R954	U119508	FR 3Ω OHM +-5% 1/4W
R955	U187077	CF 3.3K OHM +-5% 1/16W

IC:

IC1001	2366621	IC LA7910
IC1102	2916912	IC MN1466HK
IC1103	2916921	IC MN1224
IC1401	2914931	IC CX20112
IC1402	2916961	IC CXA1011P
IC1701	2366631	IC AN5020
IC2001	2361611	IC HD14520BP
IC2101	2916261	IC PA0021
IC2102	2916251	IC PA0022
IC3001	2916951	IC MA1310A
IC301	2912961	IC M51386L
IC4001	2366392	IC AN5636
IC401	2916321	IC LA4260
IC501	2915191	IC LA7626
IC502	2913081	IC LA7690
IC601	2913981	IC AN5521
IC701	2366721	IC UPC1394C

TRANSISTORS:

Q0001	2320598	TR 2SC458B/C/D
Q0002	2320598	TR 2SC458B/C/D
Q0004	2320598	TR 2SC458B/C/D
Q0007	2320637	TR 2SA673C/D
Q0008	2320666	TR 2SC1213B/C
Q0013	2320598	TR 2SC458B/C/D
Q0014	2320595	TR 2SC458D
Q0103	2364084	TR 2SK105E/F
Q0106	2320637	TR 2SA673C/D
Q0107	2320598	TR 2SC458B/C/D
Q0108	2320598	TR 2SC458B/C/D
Q0109	2320598	TR 2SC458B/C/D
Q0110	2320598	TR 2SC458B/C/D
Q0111	2320598	TR 2SC458B/C/D
Q0112	2320637	TR 2SA673C/D
Q0113	2320637	TR 2SA673C/D
Q0114	2320663	TR 2SC1213AC
Q0115	2321351	TR 2SA836/844 D/E
Q0401	2320598	TR 2SC458B/C/D
Q0402	2320598	TR 2SC458B/C/D
Q0403	2320595	TR 2SC458D
Q0404	2320598	TR 2SC458B/C/D
Q0405	2320598	TR 2SC458B/C/D
Q0406	2320598	TR 2SC458B/C/D
Q0407	2320646	TR 2SC1213B/C
Q021	2320361	TR 2SC7171L
Q1301	2320663	TR 2SC1213AC
Q1302	2320663	TR 2SC1213AC
Q1303	2320681	TR 2SA673A B/C
Q1304	2321591	TR 2SD401AK
Q1305	2321386	TR 2SB546/546A (K)/(L)
Q1306	2320663	TR 2SC1213AC
Q1307	2320663	TR 2SC1213AC
Q1308	2320681	TR 2SA673A B/C
Q1309	2321591	TR 2SD401AK
Q1310	2321386	TR 2SB546/546A (K)/(L)
Q1311	2320663	TR 2SC1213AC
Q1312	2320663	TR 2SC1213AC
Q1313	2320681	TR 2SA673A B/C
Q1314	2321591	TR 2SD401AK
Q1315	2321386	TR 2SB546/546A (K)/(L)
Q1316	2320663	TR 2SC1213AC
Q1317	2320663	TR 2SC1213AC
Q1318	2320681	TR 2SA673A B/C
Q1319	2321591	TR 2SD401AK
Q1320	2321386	TR 2SB546/546A (K)/(L)
Q1321	2320663	TR 2SC1213AC
Q1322	2320663	TR 2SC1213AC
Q1323	2320681	TR 2SA673A B/C
Q1324	2321591	TR 2SD401AK
Q1325	2321386	TR 2SB546/546A (K)/(L)
Q1326	2320663	TR 2SC1213AC
Q1327	2320663	TR 2SC1213AC
Q1328	2320681	TR 2SA673A B/C
Q1329	2321591	TR 2SD401AK
Q1330	2321386	TR 2SB546/546A (K)/(L)
Q1361	2320682	TR 2SA673A C
Q1382	2320682	TR 2SA673A C
Q1383	2321591	TR 2SD401AK
Q1384	2321386	TR 2SB546K/2SB546A K
Q1385	2320663	TR 2SC1213AC
Q1386	2320595	TR 2SC458D
Q1387	2320595	TR 2SC458D
Q151	2323521	TR 2SD789(B/C)
Q1701	2320598	TR 2SC458B/C/D
Q1702	2320598	TR 2SC458B/C/D
Q1703	2320598	TR 2SC458B/C/D
Q2001	2320591	TR 2SC458B/C
Q2002	2320591	TR 2SC458B/C
Q2003	2320591	TR 2SC458B/C
Q2004	2320591	TR 2SC458B/C
Q2005	2320591	TR 2SC458B/C
Q2006	2320591	TR 2SC458B/C
Q2007	2320591	TR 2SC458B/C
Q2008	2320637	TR 2SA673C/D
Q2009	2320591	TR 2SC458B/C
Q2010	2320591	TR 2SC458B/C
Q2011	2321351	TR 2SA836/844 D/E
Q2012	2320637	TR 2SA673C/D
Q2013	2321621	TR 2SC458B(B/C)/2SC1740
Q2101	2320595	TR 2SC458D
Q2102	2320595	TR 2SC458D
Q2103	2320595	TR 2SC458D
Q2104	2320595	TR 2SC458D
Q2105	2320595	TR 2SC458D
Q2106	2320595	TR 2SC458D
Q2107	2320595	TR 2SC458D
Q2108	2320595	TR 2SC458D
Q2109	2320595	TR 2SC458D
Q2110	2320663	TR 2SC1213AC
Q2111	2320681	TR 2SA673A B/C
Q2112	2320663	TR 2SC1213AC
Q2113	2320595	TR 2SC458D
Q2114	2320681	TR 2SA673A B/C
Q2115	2320663	TR 2SC1213AC
Q2116	2320663	TR 2SC1213AC
Q2117	2320681	TR 2SA673A B/C
Q2118	2320681	TR 2SA673A B/C
Q2119	2320595	TR 2SC458D
Q2120	2320595	TR 2SC458D
Q2121	2320681	TR 2SA673A B/C
Q2122	2320663	TR 2SC1213AC
Q3001	2320663	TR 2SC1213AC
Q301	2320598	TR 2SC458B/C/D
Q302	2321351	TR 2SA836/844 D/E
Q303	2320595	TR 2SC458D
Q304	2320598	TR 2SC458B/C/D
Q305	2320598	TR 2SC458B/C/D
Q306	2321351	TR 2SA836/844 D/E
Q307	2320598	TR 2SC458B/C/D
Q308	2320598	TR 2SC458B/C/D
Q309	2320598	TR 2SC458B/C/D
Q310	2320637	TR 2SA673C/D
Q4001	2320663	TR 2SC1213AC
Q501	2320637	TR 2SA673C/D
Q501	2320598	TR 2SC458B/C/D
Q601	2320637	TR 2SA673C/D

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SYMBOL NO.	PARTS NO.	DESCRIPTION
Q701	2326212	TRS 2SC3116S/T
⚠ Q702	2326412	TR 2SD1455
⚠ Q703	2326214	TR 2SC3116T
⚠ Q704	2323901	TR 2SC3026
Q705	2327541	THS 2SC3675
Q707	2323432	TR 2SC1983R/O/Y
Q708	2320637	TR 2SA673C/D
⚠ Q718	2321621	TR 2SC4388(B/C)/2SC1740
⚠ Q719	2321621	TR 2SC4388(B/C)/2SC1740
⚠ Q720	2320637	TR 2SA673C/D
⚠ Q721	2327541	THS 2SC3675
Q722	2320595	TR 2SC4360
Q723	2321351	TR 2SA836/A64 O/E
⚠ Q851B	2320591	TR 2SC4388/C
⚠ Q851G	2320591	TR 2SC4388/C
⚠ Q851R	2320591	TR 2SC4388/C
⚠ Q852B	2320591	TR 2SC4388/C
Q852G	2320591	TR 2SC4388/C
⚠ Q852R	2320591	TR 2SC4388/C
Q853B	2321221	TR 2SC1514
⚠ Q853G	2321221	TR 2SC1514
⚠ Q853R	2321221	TR 2SC1514
Q901	2324795	HN52U
⚠ Q902	2324795	HN52U
⚠ Q903	2321112	TR 2SA272Aax-02
⚠ Q904	2321112	TR 2SA778Aax-02
⚠ Q905	2326631	TR CR5AS-8
⚠ Q906	2321112	TR 2SA272Aax-02
⚠ Q907	2326631	TR CR5AS-8
⚠ Q951	2323521	TR 2SD789(D/C)
Q952	2320637	TR 2SA673C/D
		DIODES;
D0001	2330256	DI V06CS
D0002	2330256	DI V06CS
D0004	2331351	DI 1S2076/1S2473H
D0005	2331351	DI 1S2076/1S2473H
D0006	2331351	DI 1S2076/1S2473H
D0015	2331351	DI 1S2076/1S2473H
D0016	2331351	DI 1S2076/1S2473H
D0017	2331351	DI 1S2076/1S2473H
D001Y	2331351	DI 1S2076/1S2473H
D0020	2331351	DI 1S2076/1S2473H
D0021	2331351	DI 1S2076/1S2473H
D0126	2331351	DI 1S2076/1S2473H
D0128	2331351	DI 1S2076/1S2473H
D0130	2331351	DI 1S2076/1S2473H
D0133	2331351	DI 1S2076/1S2473H
D0134	2331351	DI 1S2076/1S2473H
D0135	2331351	DI 1S2076/1S2473H
D0136	2331351	DI 1S2076/1S2473H
D0137	2331351	DI 1S2076/1S2473H
D0140	2331351	DI 1S2076/1S2473H
D0141	2331351	DI 1S2076/1S2473H
D0145	2331351	DI 1S2076/1S2473H
D0401	2331351	DI 1S2076/1S2473H
D0402	2331351	DI 1S2076/1S2473H
D1301	2330351	DI 1S2076
D1302	2330351	DI 1S2076
D1303	2330351	DI 1S2076
D1306	2330351	DI 1S2076A
D1305	2330351	DI 1S2076
D1306	2330351	DI 1S2076
D1307	2330351	DI 1S2076A
D1308	2330351	DI 1S2076
D130Y	2330351	DI 1S2076
D131U	2330351	DI 1S2076
D1311	2330351	DI 1S2076A
D1312	2330351	DI 1S2076
D1301	2330351	DI 1S2076
D1302	2330631	ZD HZ7(A)
D1303	2340333	VARISTOR AV13
D1401	2331351	DI 1S2076/1S2473H
D1402	2331351	DI 1S2076/1S2473H
D1403	2331351	DI 1S2076/1S2473H
D1501	2331351	DI 1S2076/1S2473H
D1502	2331351	DI 1S2076/1S2473H
D1503	2331351	DI 1S2076/1S2473H
D1601	2332032	LED SLR33GG
D1602	2332032	LED SLR33GG
D1603	2332031	LED SLR34URC
D1604	2332031	LED SLR34URC
D1605	2331351	DI 1S2076/1S2473H
D171H	2332431	DI PH33Z
D17UY	2331351	DI 1S2076/1S2473H
D2001	2331351	DI 1S2076/1S2473H
D2002	2331351	DI 1S2076/1S2473H
D2004	2331351	DI 1S2076/1S2473H
D2005	2331351	DI 1S2076/1S2473H
D2006	2331351	DI 1S2076/1S2473H
D2007	2331351	DI 1S2076/1S2473H
D2008	2331351	DI 1S2076/1S2473H
D2010	2331351	DI 1S2076/1S2473H
D2011	2331351	DI 1S2076/1S2473H
D2012	2331351	DI 1S2076/1S2473H
D2013	2331351	DI 1S2076/1S2473H
D2014	2331351	DI 1S2076/1S2473H
D2015	2331351	DI 1S2076/1S2473H
D2016	2331351	DI 1S2076/1S2473H
D2017	2331351	DI 1S2076/1S2473H
D2018	2331351	DI 1S2076/1S2473H
D201Y	2330351	DI 1S2076
D2101	2330352	DI 1S2076A
D2102	2330351	DI 1S2076
D2103	2330351	DI 1S2076
D2104	2330351	DI 1S2076

SYMBOL NO.	PARTS NO.	DESCRIPTION
D2105	2330351	DI 1S2076
D210Y	2330351	DI 1S2076
D2108	2330351	DI 1S2076
D210W	2330351	DI 1S2076
D2110	2330351	DI 1S2076
D301	2331351	DI 1S2076/1S2473H
D302	2338321	DI 1SS270TA
D306	2331351	DI 1S2076/1S2473H
D30Y	2338321	DI 1SS270TA
D308	2331351	DI 1S2076/1S2473H
D30W	2331351	DI 1S2076/1S2473H
D310	2331351	DI 1S2076/1S2473H
D312	2331351	DI 1S2076/1S2473H
⚠ D401	2331481	DI V06CS/S1BU1-02
⚠ D402	2331481	DI V06CS/S1BU1-02
⚠ D403	2331481	DI V06CS/S1BU1-02
⚠ D404	2331481	DI V06CS/S1BU1-02
D405	2331351	DI 1S2076/1S2473H
D406	2331351	DI 1S2076/1S2473H
D407	2331351	DI 1S2076/1S2473H
D408	2331351	DI 1S2076/1S2473H
D503	2331351	DI 1S2076/1S2473H
D601	2330256	DI V06CS
D602	2331351	DI 1S2076/1S2473H
D603	2331351	DI 1S2076/1S2473H
D604	2331351	DI 1S2076/1S2473H
D605	2331351	DI 1S2076/1S2473H
D606	2330351	DI V09C
D607	2330351	DI 1S2076
D609	2331351	DI 1S2076/1S2473H
D610	2331351	DI 1S2076/1S2473H
D611	2331351	DI 1S2076/1S2473H
D611	2330352	DI 1S2076A
D701	2330611	DI RU3
⚠ D702	2333001	DI RU2M
⚠ D703	2334581	DI ES1A
D704	2331351	DI 1S2076/1S2473H
⚠ D705	2334581	DI ES1A
D706	2331481	DI V06CS/S1BU1-02
⚠ D707	2337361	DI RU4D
⚠ D708	2337361	DI RU4D
⚠ D709	2337361	DI RU4D
⚠ D712	2338861	DI CTU-G26R
⚠ D713	2338861	DI CTU-G26R
⚠ D715	2330564	DI V11N
D716	2330564	DI V11N
D717	2330351	DI 1S2076
D718	2330351	DI V09C
D71Y	2330351	DI V09C
⚠ D720	2334581	DI ES1A
D725	2331351	DI 1S2076/1S2473H
D725	2331351	DI 1S2076/1S2473H
D726	2331351	DI 1S2076/1S2473H
D727	2330352	DI 1S2076A
D728	2330564	DI V11N

SYMBOL NO.	PARTS NO.	DESCRIPTION
D852H	2331351	DI 1S2076/1S2473H
D852G	2331351	DI 1S2076/1S2473H
D852R	2331351	DI 1S2076/1S2473H
D853G	2331351	DI 1S2076/1S2473H
D853R	2331351	DI 1S2076/1S2473H
⚠ D901	2338312	DI RBV-406
⚠ D902	2334592	DI EM1Z
⚠ D903	2334592	DI EM1Z
⚠ D904	2330352	DI 1S2076A
⚠ D905	2334592	DI EM1Z
⚠ D906	2334592	DI EM1Z
⚠ D907	2334592	DI EM1Z
⚠ D951	2330256	DI V06CS
D953	2330251	DI V06C
⚠ D954	2331201	DI #0-6U
⚠ D955	2331201	DI #0-6U
⚠ D956	2331201	DI #0-6U
ZD0001	2334304	ZD RD30EB3
ZD0003	2334312	DI #D33EU1
ZD0004	2334122	ZD RD5.1EB1
ZD0007	2334122	ZD RD5.1EB1
ZD0006	2331154	ZD HZ12(A)/(B)/(C)
ZD0007	2331154	ZD HZ12(A)/(B)/(C)
ZD0008	2331154	ZD HZ12(A)/(B)/(C)
ZD0009	2331154	ZD HZ12(A)/(B)/(C)
ZD0012	2331154	ZD HZ12(A)/(B)/(C)
ZD0013	2331156	ZD HZ12(A)/(B)/(C)
ZD0014	2331156	ZD HZ12(A)/(B)/(C)
ZD0015	2331154	ZD HZ12(A)/(B)/(C)
ZD0018	2331154	ZD HZ12(A)/(B)/(C)
ZD001Y	2330636	ZD HZ7(A)/(B)
ZD0020	2331156	ZD HZ12(A)/(B)/(C)
ZD0021	2331154	ZD HZ12(A)/(B)/(C)
ZD0023	2331154	ZD HZ12(A)/(B)/(C)
ZD0024	2331154	ZD HZ12(A)/(B)/(C)
ZD0026	2331156	ZD HZ12(A)/(B)/(C)
ZD0027	2330636	ZD HZ7(A)/(B)
ZD0028	2330636	ZD HZ7(A)/(B)
ZD0029	2330634	ZD HZ7(A)/(B)
ZD003U	2330636	ZD HZ7(A)/(B)
ZD0031	2330634	ZD HZ7(A)/(B)
ZD0032	2331156	ZD HZ12(A)/(B)/(C)
ZD0106	2334122	ZD RD5.1EB1
ZD04U1	2331831	HZ11A
ZD151	2331807	ZD HZ6(C)1
ZD2001	2331815	ZD HZ7(B)2
ZD301	2331156	ZD HZ12(A)/(B)/(C)
ZD303	2331156	ZD HZ12(A)/(B)/(C)
ZD401	2331866	ZD HZ12(B)1
ZD402	2331866	ZD HZ12(B)1
ZD403	2331866	ZD HZ12(B)1
ZD61U1	2331156	ZD HZ12(A)/(B)/(C)
ZD61U2	2331156	ZD HZ12(A)/(B)/(C)
ZD61U3	2331156	ZD HZ12(A)/(B)/(C)
ZD501	2331156	ZD HZ12(A)/(B)/(C)

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SYMBOL NO.	PARTS NO.	DESCRIPTION
ZD502	2331156	ZD HZ12(A)/(B)/(C)
ZD503	2331156	ZD HZ12(A)/(B)/(C)
ZD602	2331156	ZD HZ12(A)/(B)/(C)
ZD702	2331796	ZD HZ-5 B1
ZD704	2331155	ZD HZ12(C)
⚠ ZD705	2335461	ZD HZ24L-2
ZD706	2331155	ZD HZ12(C)
ZD707	2331801	ZD HZ4(A)1
ZD708	2331815	ZD HZ7(B)2
ZD709	2331857	DI HZ-4 (A)
⚠ ZD711	2331807	ZD HZ6(C)1
⚠ ZD712	2331857	DI HZ-4 (A)
ZD713	2331841	ZD HZ12(A)1
⚠ ZD901	2331815	ZD HZ7(B)2
⚠ ZD951	2331844	ZD HZ12(B)1
		COILS;
L0001	2122956	LAL AXIAL COIL 100MH +-10%
L0002	2122956	LAL AXIAL COIL 100MH +-10%
L0003	2122956	LAL AXIAL COIL 100MH +-10%
L0004	2122956	LAL AXIAL COIL 100MH +-10%
L0005	2122956	LAL AXIAL COIL 100MH +-10%
L0006	2122956	LAL AXIAL COIL 100MH +-10%
L0007	2120482	FILTER COIL 100MH +-10%
L0009	2122956	LAL AXIAL COIL 100MH +-10%
L0102	2122253	LA AXIAL COIL
L0103	2122956	LAL AXIAL COIL 100MH +-10%
L0106	2122937	AXIAL COIL 3.9 MH +-10%
L0107	2122937	AXIAL COIL 3.9 MH +-10%
L0108	2122937	AXIAL COIL 3.9 MH +-10%
L0110	2122943	LAL AXIAL COIL 10MH +-10%
L071	2141776	M7-0 TYPE COIL
L072	2122956	LAL AXIAL COIL 100MH +-10%
L151	2122943	LAL AXIAL COIL 10MH +-10%
L1701	2122956	LAL AXIAL COIL 100MH +-10%
L2101	2120484	FILTER COIL 3.3MH
L2102	2120484	FILTER COIL 3.3MH
L5001	2122956	LAL AXIAL COIL 100MH +-10%
L301	2122953	LAL AXIAL COIL 56 UH
L302	2141148	1H DL COIL
L303	2122956	LAL AXIAL COIL 100MH +-10%
L304	2122949	LAL AXIAL COIL 33MH +-10%
L305	2122252	LA AXIAL COIL 82 MICROH
L309	2122955	LAL AXIAL COIL
L306	2122955	LAL AXIAL COIL
L501	2122943	LAL AXIAL COIL 10MH +-10%
L502	2122943	LAL AXIAL COIL 10MH +-10%
L503	2122942	LAL AXIAL COIL 8.2MH +-10%
L504	2122942	LAL AXIAL COIL 8.2MH +-10%
L505	2122942	LAL AXIAL COIL 8.2MH +-10%
⚠ L703	2161723	HORIZONTAL LINEARITY COIL
⚠ L706	2162541	HORIZONTAL SIZE COIL
L709	2121211	FILTER COIL
L70A	2121211	FILTER COIL
LZ08	2122094	FIXED COIL
L712	2122211	FL-11Z120K
L713	2122211	FL-11Z120K
L714	2122211	FL-11Z120K
L715	2122093	FILTER COIL
L716	2122094	FIXED COIL
L802A	2122252	LA AXIAL COIL 82 MICROH
L802G	2122252	LA AXIAL COIL 82 MICROH
L802R	2122252	LA AXIAL COIL 82 MICROH
L8038	2122247	LA AXIAL COIL 39UH
L8036	2122247	LA AXIAL COIL 39UH
L803R	2122247	LA AXIAL COIL 39UH
⚠ L901	2122791	LINE FILTER
⚠ L902	2123712	LINE FILTER
⚠ L903	2120333	FILTER COIL
⚠ L904	2120333	FILTER COIL
L906	2120482	FILTER COIL 100MH +-10%
L907	2121731	PEAKING COIL
⚠ L991	2122791	LINE FILTER
⚠ L992	2122791	LINE FILTER
⚠ L993	2122744	LINE FILTER
		TRANSFORMERS;
T1701	2161996	LOW FREQUENCY COIL
⚠ T401	2214221	POWER TRANSFORMER
⚠ T701	2260163	HORIZONTAL DRIVE TRANSFORMER
⚠ T702	2214203	HOT
⚠ T703	2436981	FLYBACK TRANSFORMER
⚠ T704	2260163	HORIZONTAL DRIVE TRANSFORMER
⚠ T951	2213991	POWER TRANSFORMER
		COMPOUND COMPONENTS;
⚠ CP702	0196363	FOCUS PACK
⚠ CP902	2790291	COMPOUND COMPONENT
⚠ MF701	2791062	CERAMIC OSC
⚠ H901	2371806	MODULE HM9306
		FUSES;
⚠ F1381	2721051	UL FUSE 1.6A
⚠ F1382	2721051	UL FUSE 1.6A
⚠ F601	2720817	UL FUSE 1.15A
⚠ F602	2720814	FUSE 2A
⚠ F701	2721051	UL FUSE 1.6A
⚠ F903	2720819	FUSE 1.5A
⚠ F906	2720819	FUSE 1.5A
⚠ F991	2721053	FUSE 5A

SYMBOL NO.	PARTS NO.	DESCRIPTION
		MISCELLANEOUS;
⚠ RL951	2640336	RELAY
DL301	2791101	DELAY LINE
DL302	2164513	DELAY LINE
	3799042	CONVER PANEL ASS'Y
	4266193	DOUBLE SOUND KNOB
	4519511	4X12 TAPPING SCREW
	4265081	FRONT RAIL METAL (D)
	4265091	FRONT RAIL METAL E
	4298641	BOARD FOR PANEL
	2686761	TERMINAL
	3769291	PANEL HOLDER
	3769301	PANEL HOLDER PIN
	4298631	PIN HOLDER
	3118401	CABINET ASS'Y (HCPA) (CT4271 only)
	3118411	CABINET ASS'Y (HCPA) (CT5071 only)
	3118412	CABINET ASS'Y (HCPA) (CT5072 only)
	3704561	CONTROL PANEL
	4330482	P-SIDE METAL R (HCPA)
	4330491	P-SIDE METAL L (HCPA)
	4339591	UPPER MIRROR (HCPA) (CT4271, CT5071 only)
	4288066	UPPER MIRROR (HCPA) (CT5072 only)
	4333651	FOCUS BOX FIX METAL (HCPA)
	4332411	BRACKET FIX METAL A (HCPA)
	4332412	BRACKET FIX METAL B (HCPA)
	4159427	3X10 TAPPING SCREW WITH WASHER
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4159427	3X10 TAPPING SCREW WITH WASHER
	4618172	RUBBER SPACER
	4618171	RUBBER SPACER A
	4524913	4X12 TAPPING SCREW WITH WASHER RED
	4137975	4X16 ZA R SCREW (HCPA/GIFU)
	3785043	PUSH LOCK A
	4725452	FASTENER FOR TRANSFORMER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4159427	3X10 TAPPING SCREW WITH WASHER
	4519511	4X12 TAPPING SCREW
	4822931	MILLOR BOARD (HCPA) (CT4271, CT5071 only)
	4822691	MILLOR BOARD (HCPA) (CT5072 only)
	4159427	3X10 TAPPING SCREW WITH WASHER

SYMBOL NO.	PARTS NO.	DESCRIPTION
	4159427	3X10 TAPPING SCREW WITH WASHER
	4519512	TAPPING SCREW 4X16 MM
	4518771	3X10 TAPPING SCREW WITH SPRING WASHER
	4331941	MIRROR HOLDER U
	3332452	9U KNOB SPRING
	1738902	TRANSISTOR BUSH
	4522901	NUT
	3727702	PWB PLASTIC HOLDER
	4516065	3X16 PAN HEAD SCREW WITH WASHER
	4159427	3X10 TAPPING SCREW WITH WASHER
	4298611	PANEL KNOB (CT5072 only)
	4518276	SCREW 3X8MM BLACK
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	3703591	TERMINAL BOARD
	4514065	3X16 PAN HEAD SCREW WITH WASHER
	4339601	MIRROR HOLDER (CT4271, CT5071 only)
	4335871	MIRROR HOLDER (CT5072 only)
	2771892	FERRITE BEADS CORE 004
	2760241	INSULATING PLATE
	4524913	4X12 TAPPING SCREW WITH WASHER RED
	2763851	MICA SEAT
	2786491	MICA SHEET
	3719671	AS CORD HOLDER
	3716751	WIRE CLIP
	3598111	BOTTOM PAD (HCPA) (CT4271 only)
	4159411	3X8 KNURL TAPPING SCREW
	4159427	3X10 TAPPING SCREW WITH WASHER
	3265511	KNOB STEREO
	3727702	PWB PLASTIC HOLDER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	3598121	UPPER PAD (HCPA) (CT4271 only)
	3598341	UPPER PAD (HCPA) (CT5071 only)
	4137975	4X16 ZA R SCREW (HCPA/GIFU)
	4332611	P-SHIELD METAL A (HCPA)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4519512	TAPPING SCREW 4X16 MM

PRODUCT SAFETY NOTE: Components marked with a ⚠ have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYMBOL NO.	PARTS NO.	DESCRIPTION
	3703751	SK BINDER
	4598191	REMOTE CONTROL PAD (HCPA) (CT4271, CT5071 only)
	3598371	FRONT PAD (HCPA) (CT4271 only)
	3598431	FRONT PAD (HCPA) (CT5071 only)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4519511	4X12 TAPPING SCREW
	4519512	TAPPING SCREW 4X16 MM
	4518771	3X10 TAPPING SCREW WITH SPRING WASHER
	4331941	MIRROR HOLDER U
	3332452	9U KNOB SPRING
	1738902	TRANSISTOR BUSH
	4522901	NUT
	3727702	PWB PLASTIC HOLDER
	4516065	3X16 PAN HEAD SCREW WITH WASHER
	4159427	3X10 TAPPING SCREW WITH WASHER
	4298611	PANEL KNOB (CT5072 only)
	4518276	SCREW 3X8MM BLACK
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	3703591	TERMINAL BOARD
	4514065	3X16 PAN HEAD SCREW WITH WASHER
	4339601	MIRROR HOLDER (CT4271, CT5071 only)
	4335871	MIRROR HOLDER (CT5072 only)
	2771892	FERRITE BEADS CORE 004
	2760241	INSULATING PLATE
	4524913	4X12 TAPPING SCREW WITH WASHER RED
	2763851	MICA SEAT
	2786491	MICA SHEET
	3719671	AS CORD HOLDER
	3716751	WIRE CLIP
	3598111	BOTTOM PAD (HCPA) (CT4271 only)
	4159411	3X8 KNURL TAPPING SCREW
	4159427	3X10 TAPPING SCREW WITH WASHER
	3265511	KNOB STEREO
	3727702	PWB PLASTIC HOLDER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	3598121	UPPER PAD (HCPA) (CT4271 only)
	3598341	UPPER PAD (HCPA) (CT5071 only)
	4137975	4X16 ZA R SCREW (HCPA/GIFU)
	4332611	P-SHIELD METAL A (HCPA)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4519512	TAPPING SCREW 4X16 MM

SYMBOL NO.	PARTS NO.	DESCRIPTION
	3798123	SCREEN ASS'Y (HCPA) (CT5071, CT5072 only)
EA	2771891	FERRITE BEADS CORE 003
EANT	2426673	ANTENNA SWITCH ASS'Y ASB-311C
EB	2663826	5P PLUG PIN
EB	2663924	PRINTER CONNECTOR
EC	2663827	10P PLUG PIN
ECB	2661753	PIN PLUG WITH BASE
N705	4236051	HEAT SINK
N706	2786301	TRS SHEET
N707	4236051	HEAT SINK
N708	4159411	3X8 KNURL TAPPING SCREW
N801A	2784342	CONDENSER COVER
N802A	2784342	CONDENSER COVER
N901A	4159414	3X4 KNURL TAPPING SCREW
N902A	4159411	3X8 KNURL TAPPING SCREW
N902F	2786301	TRS SHEET

SYMBOL NO.	PARTS NO.	DESCRIPTION
		DIODES:
D0001	2330256	DI V06C5
D0002	2330256	DI V06C5
D0004	2331351	DI 1S2076/1S2473H
D0005	2331351	DI 1S2076/1S2473H
D0008	2331351	DI 1S2076/1S2473H
D0015	2331351	DI 1S2076/1S2473H
D0016	2331351	DI 1S2076/1S2473H
D0017	2331351	DI 1S2076/1S2473H
D0019	2331351	DI 1S2076/1S2473H
D0020	2331351	DI 1S2076/1S2473H
D0021	2331351	DI 1S2076/1S2473H
D0126	2331351	DI 1S2076/1S2473H
D0128	2331351	DI 1S2076/1S2473H
D0130	2331351	DI 1S2076/1S2473H
D0133	2331351	DI 1S2076/1S2473H
D0134	2331351	DI 1S2076/1S2473H
D0135	2331351	DI 1S2076/1S2473H
D0136	2331351	DI 1S2076/1S2473H
D0137	2331351	DI 1S2076/1S2473H
D2001	2331351	DI 1S2076/1S2473H
D2002	2331351	DI 1S2076/1S2473H
D2004	2331351	DI 1S2076/1S2473H
D2005	2331351	DI 1S2076/1S2473H
D2006	2331351	DI 1S2076/1S2473H
D2007	2331351	DI 1S2076/1S2473H
D2008	2331351	DI 1S2076/1S2473H
D2010	2331351	DI 1S2076/1S2473H
D2011	2331351	DI 1S2076/1S2473H
D2012	2331351	DI 1S2076/1S2473H
D2013	2331351	DI 1S2076/1S2473H
D2014	2331351	DI 1S2076/1S2473H
D2015	2331351	DI 1S2076/1S2473H
D2016	2331351	DI 1S2076/1S2473H
D2017	2331351	DI 1S2076/1S2473H
D2018	2331351	DI 1S2076/1S2473H
D2019	2330351	DI 1S2076
D2101	2330352	DI 1S2076A
D2102	2330351	DI 1S2076
D2103	2330351	DI 1S2076
D2104	2330351	DI 1S2076
D701	2330611	DI RU3
⚠ D702	2333001	DI RU2M
⚠ D703	2334581	DI ES1A
D704	2331351	DI 1S2076/1S2473H
⚠ D705	2334581	DI ES1A
D706	2331681	DI V06C5/S1B01-02
⚠ D707	2337361	DI RU4A
⚠ D708	2337361	DI RU4A
⚠ D709	2337361	DI RU4A
⚠ D712	2338661	DI CTU-G26K
⚠ D713	2334861	DI CTU-G26K
⚠ D715	2330564	DI V11N
D716	2330564	DI V11N
D717	2330551	DI 1S2076
D718	2330551	DI V09C
D719	2330551	DI V09C
⚠ D720	2334581	DI ES1A
D724	2331351	DI 1S2076/1S2473H
D725	2331351	DI 1S2076/1S2473H
D726	2331351	DI 1S2076/1S2473H
D727	2330552	DI 1S2076A
D728	2330564	DI V11N
ZD0001	2331156	ZD HZ12(A)/(B)/(C)
ZD0002	2331156	ZD HZ12(A)/(B)/(C)
ZD0024	2331156	ZD HZ12(A)/(B)/(C)
ZD0026	2331156	ZD HZ12(A)/(B)/(C)
ZD0027	2330636	ZD HZ7(A)/(B)
ZD0028	2330636	ZD HZ7(A)/(B)
ZD0029	2330636	ZD HZ7(A)/(B)
ZD0030	2330636	ZD HZ7(A)/(B)
ZD0031	2330636	ZD HZ7(A)/(B)
ZD0032	2331156	ZD HZ12(A)/(B)/(C)
ZD0104	2346122	ZD KDS-1EN1
ZD0401	2331831	HZ11A
ZD0501	2331807	ZD HZ6(C)1
ZD2001	2331815	ZD HZ7(B)2
ZD301	2331156	ZD HZ12(A)/(B)/(C)
ZD303	2331156	ZD HZ12(A)/(B)/(C)
ZD401	2331844	ZD HZ12(B)1
ZD402	2331844	ZD HZ12(B)1
ZD403	2331844	ZD HZ12(B)1
ZD4101	2331156	ZD HZ12(A)/(B)/(C)
ZD4102	2331156	ZD HZ12(A)/(B)/(C)
ZD4103	2331156	ZD HZ12(A)/(B)/(C)
ZD501	2331156	ZD HZ12(A)/(B)/(C)

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SYMBOL NO.	PARTS NO.	DESCRIPTION
ZD502	2331154	ZD HZ12(A)/(B)/(C)
ZD503	2331154	ZD HZ12(A)/(B)/(C)
ZD602	2331154	ZD HZ12(A)/(B)/(C)
ZD702	2331796	ZD HZ-5 B1
ZD704	2331155	ZD HZ12(C)
⚠ ZD705	2335461	ZD HZ24L-2
ZD706	2331155	ZD HZ12(C)
ZD707	2331801	ZD HZ6(A)1
ZD708	2331815	ZD HZ7(B)2
ZD709	2331857	DI HZ-4 (A)
⚠ ZD711	2331807	ZD HZ6(C)1
⚠ ZD712	2331857	DI HZ-4 (A)
ZD713	2331841	ZD HZ12(A)1
⚠ ZD901	2331815	ZD HZ7(B)2
⚠ ZD951	2331844	ZD HZ12(B)1
		COILS:
L0001	2122956	LAL AXIAL COIL 100MH +-10%
L0002	2122956	LAL AXIAL COIL 100MH +-10%
L0003	2122956	LAL AXIAL COIL 100MH +-10%
L0004	2122956	LAL AXIAL COIL 100MH +-10%
L0005	2122956	LAL AXIAL COIL 100MH +-10%
L0006	2122956	LAL AXIAL COIL 100MH +-10%
L0007	2120482	FILTER COIL 100MH +-10%
L0009	2122956	LAL AXIAL COIL 100MH +-10%
L0102	2122253	LA AXIAL COIL
L0103	2122956	LAL AXIAL COIL 100MH +-10%
L0106	2122937	AXIAL COIL 3.9 MH +-10%
L0107	2122937	AXIAL COIL 3.9 MH +-10%
L0108	2122937	AXIAL COIL 3.9 MH +-10%
L0110	2122943	LAL AXIAL COIL 10MH +-10%
L071	2141776	N7-D TYPE COIL
L072	2122956	LAL AXIAL COIL 100MH +-10%
L151	2122963	LAL AXIAL COIL 10MH +-10%
L1701	2122956	LAL AXIAL COIL 100MH +-10%
L2101	2120484	FILTER COIL 3.3MH
L2102	2120484	FILTER COIL 3.3MH
L3001	2122956	LAL AXIAL COIL 100MH +-10%
L301	2122953	LAL AXIAL COIL 56 UH
L302	2141148	1H DL COIL
L303	2122956	LAL AXIAL COIL 100MH +-10%
L304	2122949	LAL AXIAL COIL 33MH +-10%
L305	2122252	LA AXIAL COIL 82 MICROH
L306	2122955	LAL AXIAL COIL
L307	2122955	LAL AXIAL COIL
L501	2122963	LAL AXIAL COIL 10MH +-10%
L502	2122943	LAL AXIAL COIL 10MH +-10%
L503	2122942	LAL AXIAL COIL 8.2MH +-10%
L504	2122942	LAL AXIAL COIL 8.2MH +-10%
L505	2122962	LAL AXIAL COIL 8.2MH +-10%
⚠ L703	2161723	HORIZONTAL LINEARITY COIL
⚠ L706	2102341	HORIZONTAL SIZE COIL
L705	2121211	FILTER COIL
L706	2121211	FILTER COIL
L708	2122094	FIXED COIL
L712	2122211	FL-11Z120K
L713	2122211	FL-11Z120K
L714	2122211	FL-11Z120K
L715	2120093	FILTER COIL
L716	2122094	FIXED COIL
L802A	2122252	LA AXIAL COIL 82 MICROH
L802G	2122252	LA AXIAL COIL 82 MICROH
L802R	2122252	LA AXIAL COIL 82 MICROH
L8038	2122247	LA AXIAL COIL 39UH
L8036	2122247	LA AXIAL COIL 39UH
L803R	2122247	LA AXIAL COIL 39UH
⚠ L901	2122791	LINE FILTER
⚠ L902	2123712	LINE FILTER
⚠ L903	2120333	FILTER COIL
⚠ L904	2120333	FILTER COIL
L906	2120482	FILTER COIL 100MH +-10%
L907	2121731	PEAKING COIL
⚠ L991	2122791	LINE FILTER
⚠ L992	2122791	LINE FILTER
⚠ L993	2122744	LINE FILTER
		TRANSFORMERS:
T1701	2161994	LOW FREQUENCY COIL
⚠ T401	2214221	POWER TRANSFORMER
⚠ T701	2260163	HORIZONTAL DRIVE TRANSFORMER
⚠ T702	2214203	HOT
⚠ T703	2644981	FLYBACK TRANSFORMER
⚠ T704	2260163	HORIZONTAL DRIVE TRANSFORMER
⚠ T951	2213991	POWER TRANSFORMER
		COMPOUND COMPONENTS:
⚠ CP702	0194361	FOCUS PACK
⚠ CP902	27V0291	COMPOUND COMPONENT
⚠ RF701	2791062	CERAMIC OSC
⚠ RN901	2371806	MODULE HM9306
		FUSES:
⚠ F1381	2721051	UL FUSE 1.6A
⚠ F1382	2721051	UL FUSE 1.6A
⚠ F401	2720817	UL FUSE 3.15A
⚠ F402	2720814	FUSE 2A
⚠ F701	2721051	UL FUSE 1.6A
⚠ F903	2720819	FUSE 1.5A
⚠ F904	2720819	FUSE 1.5A
⚠ F991	2721053	FUSE 5A

SYMBOL NO.	PARTS NO.	DESCRIPTION
		MISCELLANEOUS:
⚠ RL951	2640336	RELAY
DL301	2791101	DELAY LINE
DL302	2164513	DELAY LINE
	3799042	CONVER PANEL ASS'Y
	1266193	DOUBLE SOUND KNOB
	4519511	4X12 TAPPING SCREW
	4265081	FRONT RAIL METAL (D)
	4265091	FRONT RAIL METAL E
	4298641	UOARD FOR PANEL
	2686761	TERMINAL
	1269291	PANEL HOLDER
	3769301	PANEL HOLDER PIN
	4298631	PIN HOLDER
	3118401	CABINET ASS'Y (HCPA) (CT4271 only)
	3118411	CABINET ASS'Y (HCPA) (CT5071 only)
	3118412	CABINET ASS'Y (HCPA) (CT5072 only)
	3704561	CONTROL PANEL
	4330482	P-SIDE METAL R (HCPA)
	4330491	P-SIDE METAL L (HCPA)
	4339591	UPPER MIRROR (HCPA) (CT4271, CT5071 only)
	4288066	UPPER MIRROR (HCPA) (CT5072 only)
	4333651	FOCUS BOX FIX METAL (HCPA)
	4332411	BRACKET FIX METAL A (HCPA)
	4332412	BRACKET FIX METAL B (HCPA)
	4159427	3X10 TAPPING SCREW WITH WASHER
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4159427	3X10 TAPPING SCREW WITH WASHER
	4618172	RUBBER SPACER
	4618171	RUBBER SPACER A
	4524913	4X12 TAPPING SCREW WITH WASHER RED
	4137975	4X16 ZA R SCREW (HCPA/GIFU)
	3785043	PUSH LOCK A
	1725152	FASTENER FOR TRANSFORMER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4159427	3X10 TAPPING SCREW WITH WASHER
	4519511	4X12 TAPPING SCREW
	4822931	MILLOR BOARD (HCPA) (CT4271, CT5071 only)
	4822691	MILLOR BOARD (HCPA) (CT5072 only)
	4159427	3X10 TAPPING SCREW WITH WASHER
	4159427	3X10 TAPPING SCREW WITH WASHER
	4519512	TAPPING SCREW 4X16 MM
	4518771	3X10 TAPPING SCREW WITH SPRING WASHER
	4331941	MIRROR HOLDER U
	3332452	9U KNOB SPRING
	1718902	TRANSISTOR BUSH
	4522901	NUT
	3727702	PWB PLASTIC HOLDER
	4514065	3X16 PAN HEAD SCREW WITH WASHER
	4159427	3X10 TAPPING SCREW WITH WASHER
	4298611	PANEL KNOB (CT5072 only)
	4518276	SCREW 3X8MM BLACK
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	1703591	TERMINAL BOARD
	4514065	3X16 PAN HEAD SCREW WITH WASHER
	4339601	MIRROR HOLDER (CT4271, CT5071 only)
	4335871	MIRROR HOLDER (CT5072 only)
	2771892	FERRITE BEADS CORE 004
	2740241	INSULATING PLATE
	4524913	4X12 TAPPING SCREW WITH WASHER RED
	2783851	MICA SEAT
	2786491	MICA SHEET
	1719471	BS CORD HOLDER
	3716751	WIRE CLIP
	3598111	BOTTOM PAD (HCPA) (CT4271 only)
	4159411	3X8 KNURL TAPPING SCREW
	4159427	3X10 TAPPING SCREW WITH WASHER
	3265311	KNOB STEREO
	3727702	PWB PLASTIC HOLDER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	3598121	UPPER PAD (HCPA) (CT4271 only)
	3598341	UPPER PAD (HCPA) (CT5071 only)
	4137975	4X16 ZA R SCREW (HCPA/GIFU)
	4332611	P-SHIELD METAL A (HCPA)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4519512	TAPPING SCREW 4X16 MM

SYMBOL NO.	PARTS NO.	DESCRIPTION
	3763751	SK BINDER
	4598191	REMOTE CONTROL PAD (HCPA) (CT4271, CT5071 only)
	3598371	FRONT PAD (HCPA) (CT4271 only)
	3598431	FRONT PAD (HCPA) (CT5071 only)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	3613995	POLYETHYLENE COVER (HCPA) (CT4271 only)
	3613996	POLYETHYLENE COVER (HCPA) (CT5071 only)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	3614008	FOAMED POLYETHYLENE COVER (HCPA) (CT4271 only)
	3612889	FOAMED POLYETHYLENE COVER (HCPA) (CT5071 only)
	4524911	4X12 TAPPING SCREW WITH WASHER BL
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4321021	SPEAKER COVER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	3727972	HOLDER-AC LINE CORD
	3461092	BACK COVER (HCPA) (CT4271 only)
	3461091	BACK COVER (HCPA) (CT5071 only)
	4823001	COVER VENT BOARD (HCPA) (CT4271, CT5071 only)
	3761421	PLASTIC RIVET 4X8 (CT4271, CT5071 only)
	4130711	NUT - 4U NUT (CT4271, CT5071 only)
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
	4524914	4X12 TAPPING SCREW WITH WASHER
		WASHER
	4520771	4X18 TAPPING SCREW WITH WASHER (HCPA/GIFU)
A011	3798124	SCREEN ASS'Y (HCPA) (CT4271 only)
	3798123	SCREEN ASS'Y (HCPA) (CT5071, CT5072 only)
EA	2721891	FERRITE BEADS CORE 003
EAN1	2426073	ANTENNA SWITCH ASS'Y ASB-311C
EB	2603824	5P PLUG PIN
EB	2603924	PRINTER CONNECTOR
EC	2603822	10P PLUG PIN
ECB	2601753	PIN PLUG WITH BASE
ECG	2601753	PIN PLUG WITH BASE
ECR	2601753	PIN PLUG WITH BASE
ECV	2603828	12P PLUG PIN
ECX	2603924	PRINTER CONNECTOR
ECX	2603924	PRINTER CONNECTOR
EG	2603828	12P PLUG PIN
EH	2670771	JACK
EI	2603822	3P PLUG PIN
EI	2603822	3P PLUG PIN
EK	2670771	JACK
EK1	2670771	JACK
EM	2603925	6P PLUG PIN
EN	2603822	3P PLUG PIN
EP	2601752	3P PIN PLUG WITH BASE
EP	2601752	3P PIN PLUG WITH BASE
EQ	2601753	PIN PLUG WITH BASE
EQ92	2601753	PIN PLUG WITH BASE
EQ93	2601752	3P PIN PLUG WITH BASE
ERS	2603923	CONNECTOR
EXV	2663921	2P SUB MINIATURE PLUG PIN
F1208	2666761	TERMINAL
E2001	2584537	REMOTE CONTROL TRANSMITTER
E3	2671858	2 ⊖ GANGED PIN JACK
⚠ E402	2721351	FUSE HOLDER
⚠ E6001	2442224	DEFLECTION YOKE
⚠ E6004	2400183	HV BOX
E702	2786491	MICA SHEET
EA01	2933101	CRT SOCKET
⚠ E901	2742552	AC LINE CORD
E902	2786491	MICA SHEET
E902	3772201	AC CORD HOLDER
⚠ E903	2721351	FUSE HOLDER
⚠ E904	2721351	FUSE HOLDER
⚠ E991	2721351	FUSE HOLDER
⚠ N	2721351	FUSE HOLDER
N	4159427	3X10 TAPPING SCREW WITH WASHER
N	4519501	3X10 B-TIGHT TAPPING SCREW
N117	4139427	3X10 TAPPING SCREW WITH WASHER
⚠ N1381	2721351	FUSE HOLDER
⚠ N1382	2721351	FUSE HOLDER
N402	4159411	3X8 KNURL TAPPING SCREW
N6004	2781441	EARTH SPRING
N622	4270722	5 NUT
N632	4228438	WASHER

SYMBOL NO.	PARTS NO.	DESCRIPTION
N705	4236051	HEAT SINK
N706	2786301	TRS SHEET
N707	4236051	HEAT SINK
N708	4159411	3X8 KNURL TAPPING SCREW
N801A	2784342	CONDENSER COVER
N802A	2784342	CONDENSER COVER
N901A	4159414	3X8 KNURL TAPPING SCREW
N902A	4159411	3X8 KNURL TAPPING SCREW
N902F	2786301	TRS SHEET
SG801B	2340037	SPARK GAP
SG801G	2340037	SPARK GAP
SG801R	2340037	SPARK GAP
SG802B	2340037	SPARK GAP
SG802G	2340037	SPARK GAP
SG802R	2340037	SPARK GAP
⚠ SP401	2412921	SPEAKER 160MM
⚠ SP402	2412921	SPEAKER 160MM
⚠ SP403	2410953	SPEAKER 50MM
⚠ SP404	2410953	SPEAKER 50MM
S001	2620281	SLIDE SWITCH
S1401	2631851	PUSH SWITCH
S1402	0150609	VR 2-GANGED WITH SWITH
S1501	2632791	KEY SWITCH 7P
S1502	2631975	KEY SWITCH (4P)
S1601	2631722	KEY SWITCH
S2001	2620281	SLIDE SWITCH
S2002	2631813	PUSH ROCK SWITCH
⚠ U101	2426561	TUNER E1-459
X0101	2785302	CRYSTAL 4.5MHZ
X501	2790461	CRYSTAL
⚠ V1R	4047154	17UKD22(R) ASS'Y (HCPA)
⚠ V1G	4047155	17UKB22(G) ASS'Y (HCPA)
⚠ V1B	4047156	17UKH22(B) ASS'Y (HCPA)
⚠ IF1U1	2426581	IF PACK
⚠ FH401	2721351	FUSE HOLDER

MEMO